REPORT

ON

FUELING AREA SITE ASSESSMENT

Prepared for

BUCKLEY AIR NATIONAL GUARD BASE AURORA, COLORADO



Prepared by

HazWaste Technologies® Corporation

Boulder, Colorado

August 15, 1996

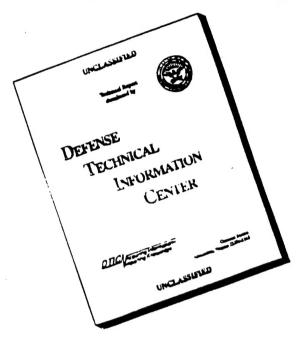
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LIST OF ACRONYMS

ANG Air National Guard

ANGRC Air National Guard Readiness Center

ATHA Ambient Temperature Headspace Analysis
BTEX Benzene, Toluene, Ethylbenzene, and Xylenes

CDPHE Colorado Department of Public Health and Environment

CHRIS Chemical Hazard Response Information System

cu. cubic

EPA Environmental Protection Agency

F Fahrenheit

ft. feet

GC Gas Chromatograph

HWT HazWaste Technologies®

ID Identification
I.D. Inside Diameter

IDW Investigation Derived Waste

JP-4 Jet Fuel

LCS Laboratory Control Samples MCL Maximum Contaminant Level

mg/kg milligrams per kilogram mg/l milligrams per liter

ml milliliter
MS Matrix Spike

MSD Matrix Spike Duplicate

MSL Mean Sea Level ND Not Detected

NOAA National Oceanic and Atmospheric Administration

PID Photoionization Detector

PPE Personal Protective Equipment

ppm parts per million QA Quality Assurance

QAPP Quality Assurance Project Plan

QC Quality Control

RAC Remedial Action Category

RCRA Resource Conservation and Recovery Act

RPD Relative Percent Difference RSD Relative Standard Deviation

TCLP Toxicity Characteristic Leachate Procedure TVPH Total Volatile Petroleum Hydrocarbons

TPH Total Petroleum Hydrocarbons

μg/l micrograms per liter μg/kg micrograms per kilogram

LIST OF ACRONYMS (CONTINUED)

United States Department of Agriculture Volatile Organic Analysis Volatile Organic Compound USDA

VOA VOC

yard yd.

EXECUTIVE SUMMARY

Introduction

This report provides results of a Site Assessment performed at the Fuel Storage Area at Buckley ANG Base in Aurora, Colorado. Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area (also known as the Fueling Area) is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue. The Fueling Area consists of above ground storage tanks in a bermed area, pumps, piping, valves, an unloading stand and a fill stand. Jet fuel from the Fueling Area is used to support aircraft operations at the Base. Jet fuel is stored in two 200,000 gallon above ground storage tanks. Fuel is received in tanker trucks at the unloading stand located south and east of the storage tanks. Fuel required for aircraft fueling and other use is transferred into tanker trucks at the fill stand and transported to various points on the Base. The Fuel Storage Area has been in operation for over 20 years and handles approximately 7 million gallons of jet fuel annually.

Approximately 1600 gallons of jet fuel (JP-4) was spilled during transfer into a tanker truck at the fill stand on November 3, 1994. Personnel at the Fueling Area with knowledge of the spill were interviewed prior to preparation of a Work Plan to conduct a Site Assessment of the area affected by the spill. According to these personnel, an area of approximately 85 ft. by 35 ft. west of the fill stand was affected by the spill. (A buffer zone of 5 feet was added to this area for the Site Assessment). The spill was reported by Buckley ANG Base personnel to the National Response Center, the Colorado Department of Public Health and Environment (CDPHE), and the U.S. Environmental Protection Agency (EPA), Region VIII.

A Work Plan was prepared by HazWaste Technologies® (HWT) on August 30, 1995, detailing the activities to be followed in conducting the Site Assessment. The objective of the Site Assessment was to determine the horizontal and vertical extent of soil contamination at the Fueling Area. The Work Plan was submitted to the CDPHE.

HWT performed subsurface soil sampling at the site in accordance with the Work Plan on December 13 and 14, 1995. Twenty one (21) locations were sampled in the Fueling Area using a Geoprobe®. Samples were taken at four depth intervals at each location (0-2 feet, 4-6 feet, 9-11 feet, and 14-16 feet). Ambient Temperature Headspace Analysis (ATHA) was performed on site using a Photoionization Detector (PID). Based on ATHA, 29 samples were selected for laboratory analysis. Samples were analyzed for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Total Volatile Petroleum Hydrocarbons (TVPH), and Volatile Organic Compounds.

Records from the Colorado State Engineer's Office show that groundwater in the area of the site lies at a depth of 40 to 60 feet. There are no wells within a radius of one half mile used for drinking water. Remedial Action Category III (RAC III) cleanup standards apply to this site. RAC III standards are described in the CDPHE document entitled "Storage Tank Facility Owner/Operator Guidance Documents." RAC III cleanup standards are 100 mg/kg for BTEX and 500 mg/kg for TVPH.

Findings

Results of laboratory analysis show BTEX concentrations to be below the RAC III standard of 100 mg/kg for all locations. However, concentrations exceeding the RAC III standard of 500 mg/kg TVPH were detected at six locations at depth intervals of 0 to 2 feet and 4 to 6 feet. TVPH concentrations exceeding RAC III standards ranged from 605 mg/kg to 1640 mg/kg.

Conclusions and Recommendations

The locations that exceed the RAC III standard encompass an irregularly shaped area measuring approximately 60 feet by 50 feet west of the fill stand with a total surface area of 1400 ft². Using a depth of 8 feet this results in a volume of 420 yd³ of contaminated soil.

There does not appear to be any immediate or grave threat to groundwater since the depth of contaminated soil does not appear to exceed eight (8) feet and the depth to groundwater at the site is approximately forty (40) feet. Consequently, groundwater monitoring wells were not installed and are not required at this time.

It is recommended that the contaminated soil be excavated and landfarmed in a suitable area at Buckley ANG Base or sent to off-site disposal. If buried utilities pose a problem to excavation, bio-remediation may be an alternative.

SECTION 1.0 INTRODUCTION

1.1 BACKGROUND

This report provides results of a Site Assessment performed at the Fuel Storage Area at Buckley ANG Base in Aurora, Colorado. Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area (also known as the Fueling Area) is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue. The Fueling Area consists of above ground storage tanks in a bermed area, pumps, piping, valves, an unloading stand and a fill stand. Jet fuel from the Fueling Area is used to support aircraft operations at the Base. Jet fuel is stored in two 200,000 gallon above ground storage tanks. Fuel is received in tanker trucks at the unloading stand located south and east of the storage tanks. Fuel required for aircraft fueling and other use is transferred into tanker trucks at the fill stand located north and east of the storage tanks and transported to various points on the Base. The Fuel Storage Area has been in operation for over 20 years and handles approximately 7 million gallons of jet fuel annually.

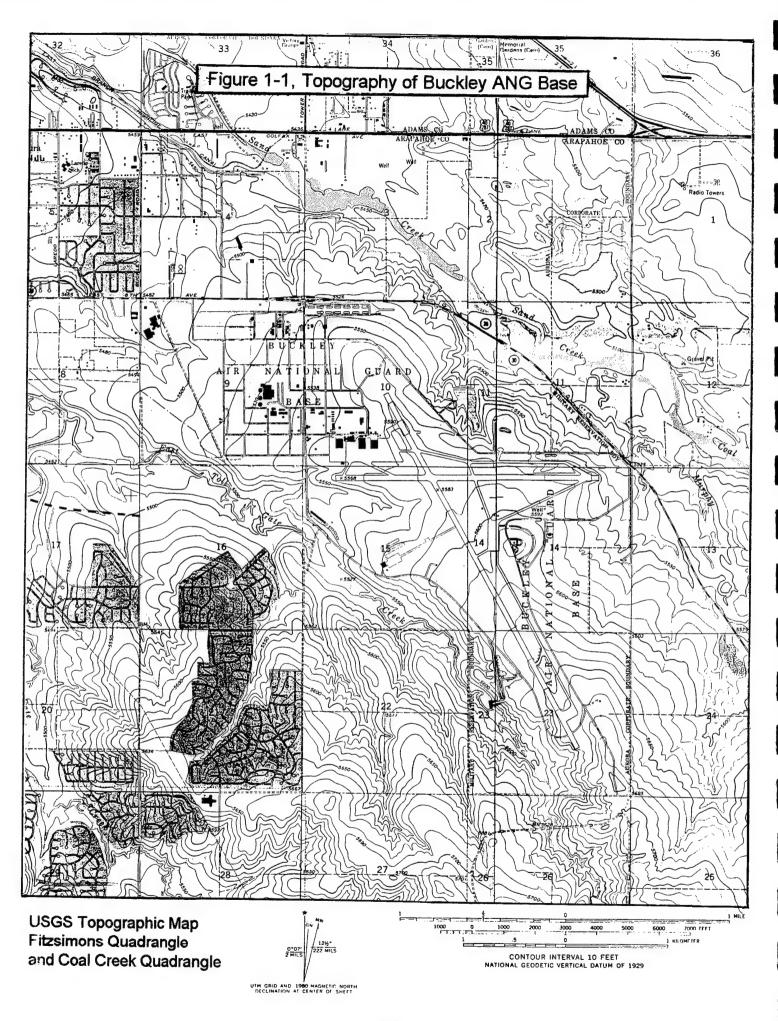
Approximately 1600 gallons of jet fuel (JP-4) was spilled during transfer into a tanker truck at the fill stand on November 3, 1994. Personnel at the Fueling Area with knowledge of the spill were interviewed prior to preparation of a Work Plan. According to these personnel, an area of approximately 85 feet by 35 feet west of the fill stand was affected by the spill. (A buffer zone of 5 feet was added to this area for the Site Assessment). The spill was reported by Buckley ANG Base personnel to the National Response Center, the Colorado Department of Public Health and Environment (CDPHE), and Environmental Protection Agency (EPA), Region VIII on November 4, 1994.

A Work Plan was prepared by HazWaste Technologies® (HWT) on August 30, 1995, detailing the activities to be followed in conducting the Site Assessment. The objective of the Site Assessment was to determine the horizontal and vertical extent of soil contamination at the Fueling Area. The Work Plan was submitted to the CDPHE.

HWT performed subsurface soil sampling at the site in accordance with the Work Plan on December 13 and 14, 1995. This report describes the investigated area environmental setting, site assessment activities, site assessment results, cleanup criteria and conclusions and recommendations.

1.2 ENVIRONMENTAL SETTING

The location of Buckley ANG Base and topography of the area are shown in Figure 1-1.



1.2.1 Meteorology

Buckley ANG Base is located in the Denver Metropolitan Area. This area exhibits a semi-arid climate with infrequent temperature extremes. Normal temperatures range from the low teens in winter to the high nineties in summer. The area receives an average of 15.4 inches of precipitation per year. The highest rates of precipitation occur in the month of May which averages 2.4 inches of precipitation. This information was taken from local meteorological and climatological data compiled by NOAA in 1994.

1.2.2 Surface Hydrology

Surface water drainage for the Base is shown in Figure 1-2. Surface water drainage at the Fueling Area is to the northeast. This information was obtained from the document entitled "Buckley ANG Base Master Plan" prepared by Higginbotham and Associates, dated May 1988.

1.2.3 Soils

Soil types in the vicinity of the Base are shown in Figure 1-3. Soil types identified in this figure are described below:

Alluvial land-Nunn: Deep, nearly level, mainly loamy and sandy soils.

Fondis-Weld: Deep, nearly level, loamy soils, clayey subsoils.

Nunn-Bresser-Ascalon: Deep, nearly level, loamy soils, loamy to clayey subsoils.

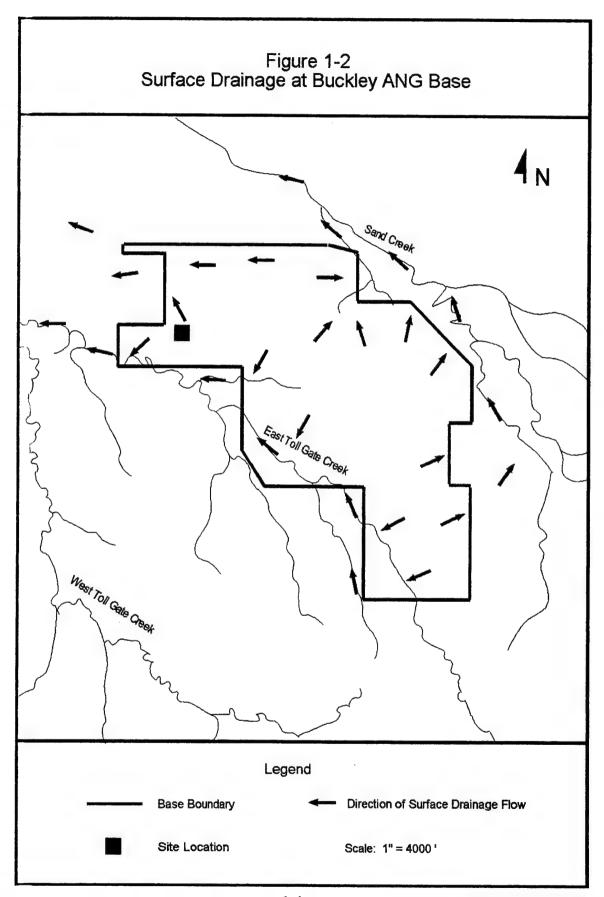
Renohil-Buick-Litle: Sloping to steep, loamy soils, loamy to clayey subsoils. Truckton-Bresser: Deep rolling, loamy and sandy soils, loamy subsoils.

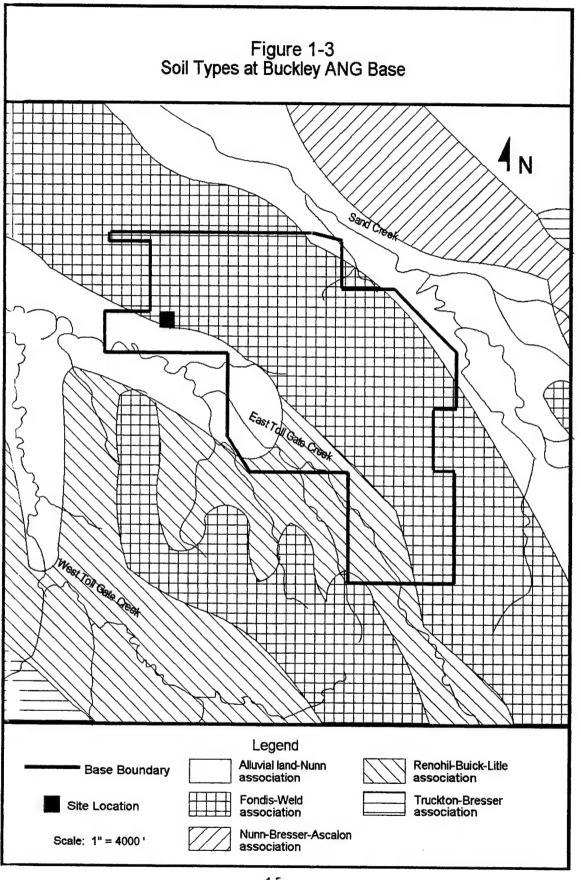
This information was taken from the United States Department of Agriculture (USDA) document entitled "Soil Survey of Arapahoe County, Colorado" dated March 1971.

Lithology of soils in the Fueling Area was recorded during sampling activities. Soil core logs were prepared for each sampling location and are included in Appendix D.

1.2.4 Geology and Hydrogeology

Depth to groundwater ranges from forty (40) to sixty (60) feet in the vicinity of the Fueling Area. Groundwater in the area generally flows to the northwest. A review of 1995 well permit information obtained by the Colorado State Engineer's Office showed that there are no wells being used for drinking water within a one half mile radius of the site. Buckley ANG Base and the surrounding area obtains drinking water from the City of Aurora.





Buckley ANG Base is located in the Denver Basin. The Denver Basin lies on the Colorado Piedmont section of the great plains physiographic province. The geology of this area consists of sedimentary formations including sandstones, siltstones, claystones, shale, conglomerates and coals. This information was obtained from the documents entitled "Buckley ANG Base Master Plan" prepared by Higginbotham and Associates, dated May 1988 and "Work Plan for Former Warehouse Area Site Investigation" prepared by Stone & Webster, dated June 28, 1996. Geology of the area is shown in Figure 1-4. A generalized stratiagraphic column describing geologic formations in the area is shown in Figure 1-5. Geology in the general area of Buckley ANG Base consists of silt and silty sand, underlain by sand, sandy gravel and shale. Sand and sandy gravel are found at a depth of about ten (10) feet. Shale is found at a depth of fifty (50) feet.

1.3 SITE DESCRIPTION

1.3.1 Location

Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue as shown in Figure 1-6. Jet Fuel is stored in two above ground storage tanks of 200,000 gallon capacity. Fuel from the storage tanks is transferred to tanker trucks using the fill stand located north of the storage tanks. Fuel is received from tanker trucks and unloaded into the above ground storage tanks using the unloading stand located south of the storage tanks. Fuel is transferred though underground fuel lines. The spill occurred during filling operations at the fill stand shown in Figure 1-7. This figure also shows the estimated area of contamination that includes a five (5) foot buffer zone. The estimated area of contamination was determined from conversations with personnel at the Fueling Area who had knowledge of the fuel spill. The area immediately west of the fill stand slopes westward into a ditch. The ditch heads in a northerly direction and drains into a storm water drain north of the Fueling Area. There is a manual gate approximately twenty (20) feet from the north end of the fill stand located on the ditch that can be lowered to intercept rainwater or spilled fuel and thus prevent it from entering the storm water drain. There is an asphalt road along the fill stand on the east side.

1.3.2 ADJACENT PROPERTIES

The land west and south of Buckley ANG Base consists of residential housing developments with some light industrial areas.

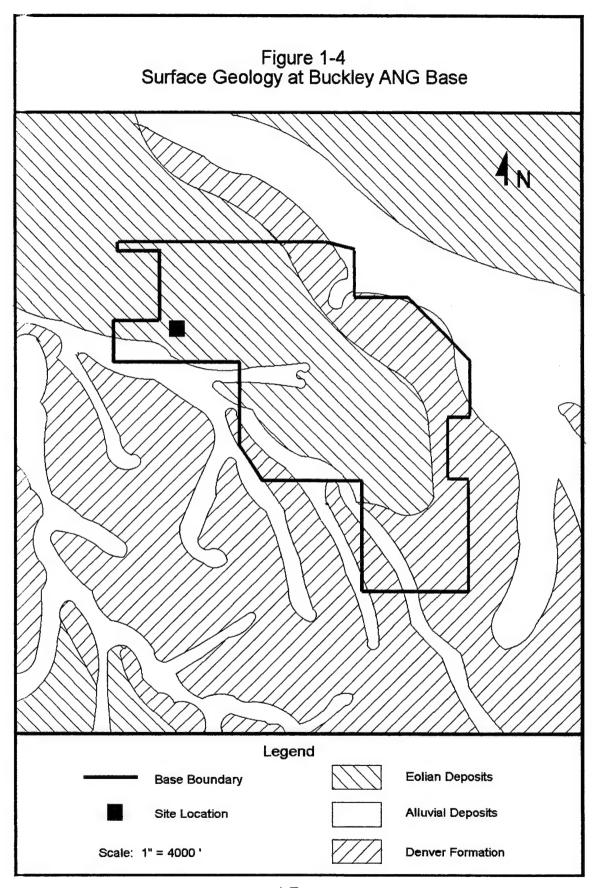
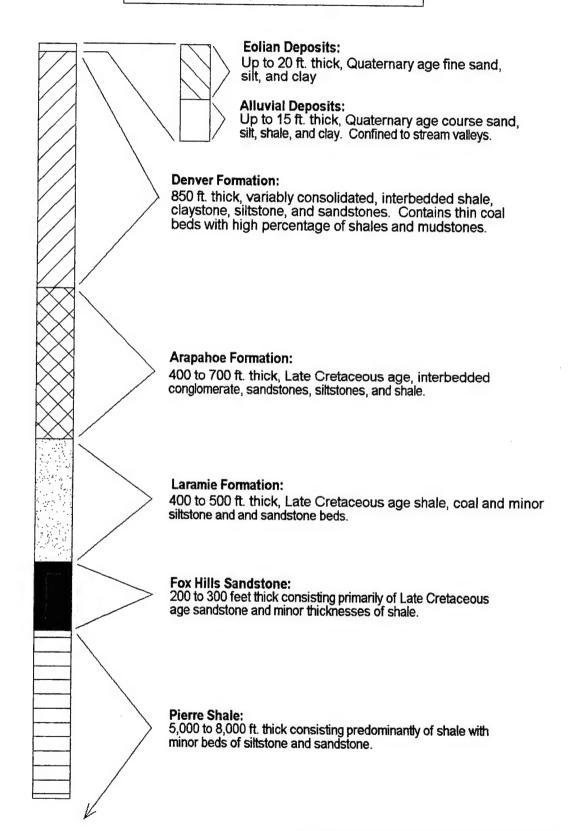
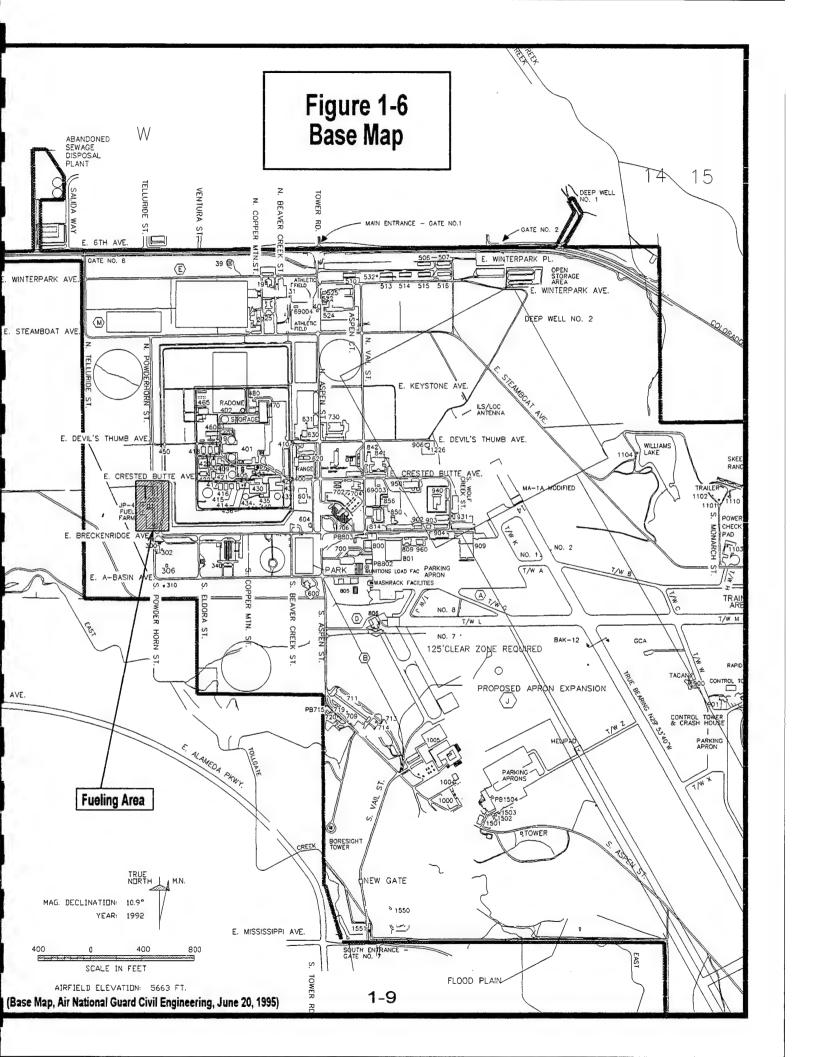
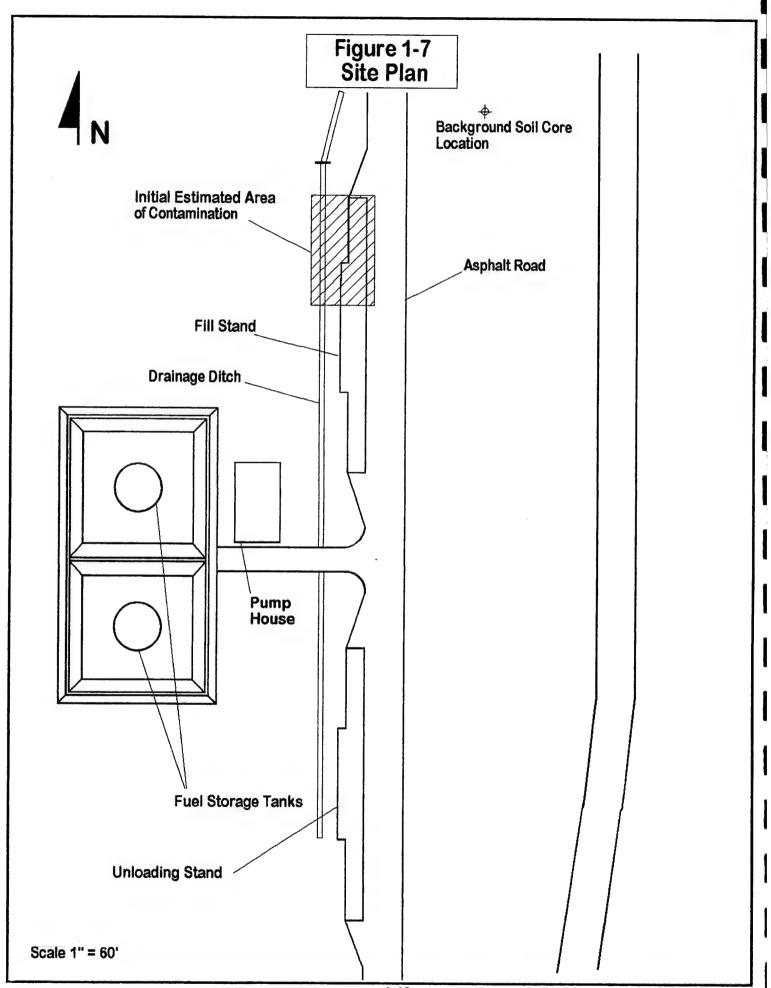


Figure 1-5 Generalized Stratigraphic Column Buckley ANG Base

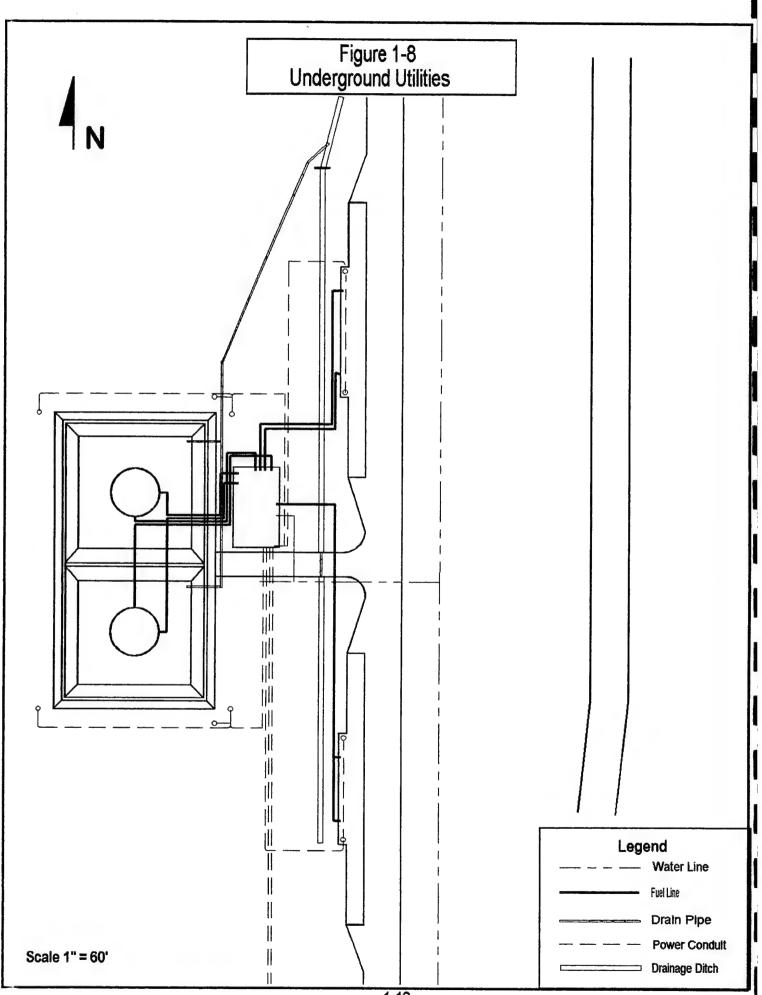






1.3.3 UTILITY CORRIDORS

Underground utilities at the Fueling Area include stormwater drains, electrical conduit, fuel lines, cathodic protection lines, and water lines. Location of these utilities is shown in Figure 1-8.



SECTION 2.0 SITE ASSESSMENT ACTIVITIES

2.1 SUMMARY OF FIELD WORK

Twenty one (21) locations were sampled in the Fueling Area using a Geoprobe®. Sampling locations are shown in Figure 2-1. Soil samples were taken from four depth intervals at each location (0 to 2 feet, 4 to 6 feet, 9 to 11 feet, and 14 to 16 feet). An Ambient Temperature Headspace Analysis (ATHA) was used as a screening method to select samples to be sent for laboratory analysis. A total of twenty nine (29) samples were analyzed at the laboratory. No groundwater was encountered during sampling activities as the depth to groundwater in the area is approximately forty (40) feet. Consequently, piezometers and groundwater monitoring wells were not installed at the site. Investigation Derived Waste (IDW) was collected in a designated drum. A representative sample from this drum was sent for laboratory analysis.

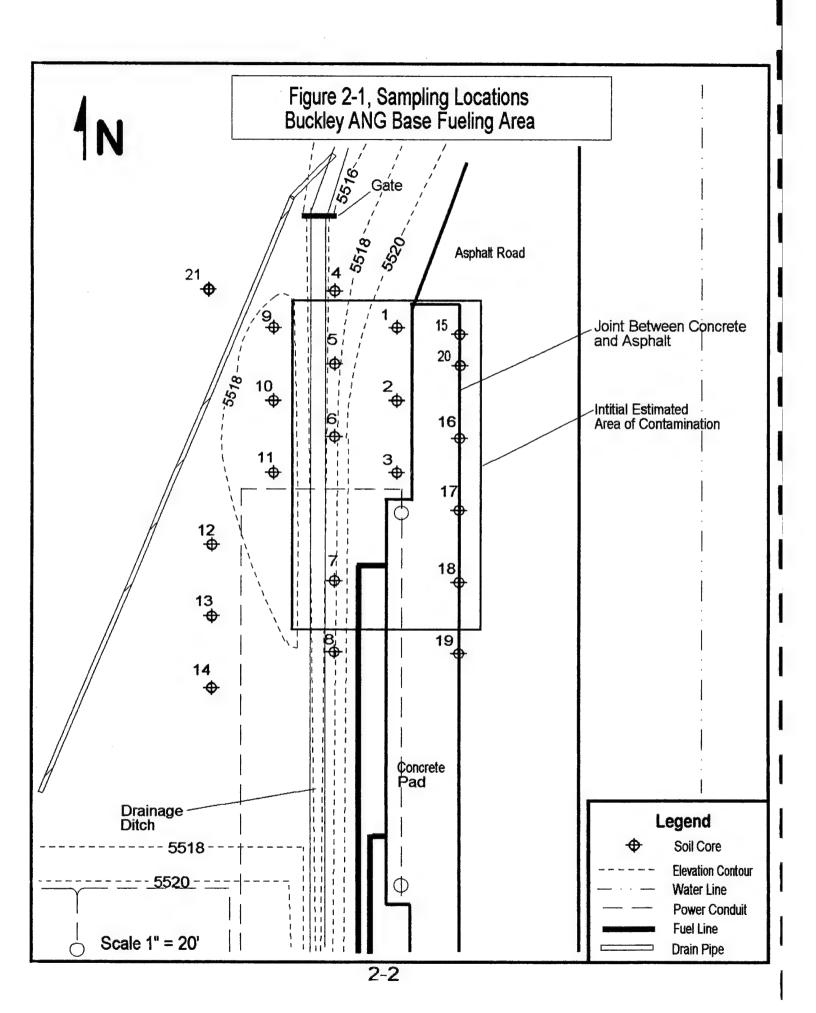
2.2 FIELD ACTIVITIES

2.2.1 Preparatory Activities

In preparation to performing field work in the Fueling Area, a digging permit showing proposed sampling locations on civil, electrical, piping/drainage and utility drawings was submitted to the Civil Engineering Office at Buckley ANG Base. The purpose of the digging permit was to ensure that no underground lines were damaged during soil core sampling. Proposed locations found to be situated too close to underground utilities were moved approximately five (5) feet from the originally designated location. The locations of the sampling points were then marked at the Fueling Area site using stakes with location ID numbers.

2.2.2 Soil Core Sampling and ATHA Methodology

Soil core samples were obtained at four (4) depth intervals at each sampling location using a Geoprobe®. Soil sampling probes consisted of four (4) foot lengths of 3/4" I.D. hollow steel pipe. A large-bore hollow tube sampler was attached to the end of the probes to collect the soil sample. A smaller diameter rod with a drive tip fits inside the tube sampler. The tube sampler consisted of a sample tube with an acetate sleeve inside. The probes were hydraulically pushed to the desired depth and the drive tip was loosened. The sample apparatus was then pushed two (2) feet into the soil causing the sleeve to become packed with soil. The depth intervals at which samples were collected were 0-2 feet, 4-6 feet, 9-11 feet and 14-16 feet. Twenty one (21) locations were sampled. All sampling equipment was carefully decontaminated prior to obtaining each sample. Decontamination consisted of washing with laboratory grade detergent and cleaning with a brush, rinsing with de-ionized water and



rinsing with laboratory grade methanol. Once the sample was collected at the desired depth, a six inch section of the acetate sleeve with the sample was carefully cut, sealed at both ends with laboratory grade Parafilm®, marked with sample ID and date and wrapped with aluminum foil with the shiny side out. The sample ID, Project Name and date were again marked on the foil before the sample was placed in a cooler packed with ice. Another six inch section was then cut from the remaining length of soil in the acetate sleeve for use in ATHA.

A PID was used for screening soil samples using an ATHA. The sample from the acetate sleeve was first transferred into a sealable plastic bag. The bag was sealed and placed in a location where the ambient temperature exceeded sixty (60) degrees F. After a fifteen (15) minute period, a headspace reading was obtained from the vapor space in the plastic bag using a Minirae® (Rae Systems Inc.) PID.

Four soil samples were collected from each location. In accordance with the Work Plan, two samples showing the highest PID readings from the ATHA were selected for laboratory analysis. However, only one sample was sent for analysis in locations where only one sample showed discernible readings during the ATHA. A total of twenty nine (29) samples were analyzed. Following completion of all soil coring activities, the site was restored as closely as possible to its pre-investigation condition. Excess soil core samples, soil from ATHA, PPE and rinsate water used for decontamination were placed in a drum designated for IDW. The disposal of IDW was not included in the scope of work. The Environmental Management Office at the Base will be responsible for disposal of this material. HazWaste Technologies® provided analytical data and a determination on whether the material is hazardous waste.

Soil core logs were prepared for each location using observations made during sampling. The logs are included in Appendix D. No groundwater was encountered during sampling activities. While the original information included in the work plan stated that groundwater depths were approximately fifteen (15) feet below the surface, data subsequently obtained from the State Engineer's Office showed groundwater depth to be greater than forty (40) feet below the surface. Since no groundwater was encountered, piezometers and monitoring wells were not installed.

2.2.3 Sample Handling and Analysis

All samples were marked with Sample ID No. and placed in a cooler packed with ice. Coolers were kept within visual contact of HWT employees during the time work was being performed on site. To maintain a record of sample collection, transfer between sample custodians, shipment and receipt by the laboratory, a chain-of-custody record was prepared for samples showing Sample ID No., date, Project ID, Sampler Name and signature and types of analysis required. Each

time the samples were transferred, the signatures of the person relinquishing and receiving the samples, as well as the date and time of transfer, were documented. Samples were hand delivered to the laboratory. Samples were transported to the home office each day and stored in a locked refrigerator until they were hand delivered by HWT personnel to the laboratory. Upon receipt at the laboratory, the receiver completed the transfer by dating and signing the chain-of-custody record. The chain-of-custody record is included in Appendix G. In accordance with the Work Plan, BTEX, TVPH (gasoline range organics), and Volatile Organic Analysis were conducted on all soil core samples. The number of samples collected and analyzed and the types of analysis performed is summarized in Table 2-1.

2.2.4 Background Soil Sample

A background sample was collected from a location north and east of the spill area (shown in Figure 1-8). This sample was taken at the 0-2 feet depth interval. Samples were not taken from other depth intervals at this location because only one sample was required to determine the degree of background contamination.

2.3 INVESTIGATION DERIVED WASTES

2.3.1 Sampling and Analysis

Excess soil core samples, soil from ATHA, PPE and rinsate water used for decontamination were placed in a drum designated for IDW. A representative sample from this drum was taken and sent for laboratory analysis. Results of analysis shows toluene at a concentration of 1.95 μ g/kg and xylenes at a concentration of 2.4 μ g/kg. Benzene and ethylbenzene were not found above the detection limit of 1 μ g/kg. The drum of IDW was sealed and later moved to a designated storage area at the Base pending transport to disposal.

2.3.2 Disposal

The concentration of benzene in the drum of IDW is well below the RCRA limit of $500 \mu g/l$ for toxic hazardous waste. Consequently, the IDW is considered non hazardous waste and may be disposed of in an industrial landfill.

Table 2-1, Soil Sample Analyses

Location No.	No. of Samples Collected	No. of Samples Monitored using PID	No. of Samples Analyzed at Lab.	Laboratory Analyses Performed (SW-846 Method)
1	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
2	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
3	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
4	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
5	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
6	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
7	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
8	4	4	0	N/A
9	4	4	1	TPH (8015 M), BTEX (8020), VOA (8240)
10	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
11	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
12	4	4	0	N/A
13	4	4	0	N/A
14	4	4	0	N/A
15	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
16	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
17	4	4	1	TPH (8015 M), BTEX (8020), VOA (8240)
18	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
19	4	4	1	TPH (8015 M), BTEX (8020), VOA (8240)
20	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
21	4	4	0	N/A
Background.	1	1	1	TPH (8015 M), BTEX (8020), VOA (8240)

2.4 DEVIATION FROM WORK PLAN

Separate sampling locations for soil gas sampling and soil core sampling were originally proposed in the Work Plan. Because the area of contamination was well defined, it was decided to integrate the soil gas survey with the soil core sampling using the same locations. ATHA of soil core samples from each depth interval was performed for each sampling location. The form used to document this deviation from the work plan is included in Appendix B.

SECTION 3.0 SITE ASSESSMENT FINDINGS

3.1 SUMMARY

Results of soil screening and laboratory analysis of selected samples show that contamination of soil exists west of the fill stand and is caused by TPH that exceeds the RAC III cleanup standard of 500 mg/kg. The approximate area of contamination is 1400 ft².

3.2 BACKGROUND SAMPLING RESULTS

Analysis of the background sample shows total BTEX concentration to be 0.007 mg/kg and TPH concentration to be 0.78 mg/kg.

3.3 SOIL CORE SAMPLING RESULTS

3.3.1 Screening Results

Results of screening of soil samples using ATHA are shown in Table 3-1. Several PID readings were higher than 2000 ppm as shown in this table. Generally, PID readings were higher at the 0 to 2 feet and 4 to 6 feet depth intervals. The highest PID readings were observed for location numbers 2 through 7.

3.3.2 Analytical Results

Results of analysis of soil samples for each location and depth are shown in Table 3-2. Samples were analyzed at the laboratory for TPH using SW-846 Method 8015 Modified, BTEX using SW-846 Method 8020, and VOA using SW-846 Method 8240. The highest concentration of contaminants was found at location No. 6 at a depth interval of 0-2 feet (1640 mg/kg TPH and 65.05 mg/kg BTEX). The contamination is predominantly caused by volatile petroleum hydrocarbons that exceed the RAC III cleanup standard of 500 mg/kg TPH described in the CDPHE "Storage Tank Owner/Operator Guidance Documents" dated April 15, 1994. None of the locations showed total BTEX concentration to exceed 100 mg/kg, the applicable RAC III standard for BTEX. The area of contamination exceeding the RAC III standard for TVPH is shown graphically in Figure 3-1, with a five (5) foot buffer zone along the perimeter of the contamination. However, the total BTEX concentration at location No. 20 exceeds 5 mg/kg, the level that determines if contamination is present. This location was therefore included. As can be seen from this figure, contamination extends to an average depth of approximately six (6) feet with a maximum depth being approximately eight (8) feet. Based on the perimeter of the contamination shown in Figure 3-1, the area affected is approximately 1400 ft². A maximum

Table 3-1
Results of Soil Screening
Average PID Readings (ppm)

Location	Depth Interval (ft.)			
No.	0-2	4-6	9-11	14-16
1	400	5	1.5	4
2	>2000	40	11	1
3	>2000	40	7	5
4	1500	>2000	35	50
5	350	>2000	12	17
6	>2000	>2000	20	40
7	>2000	60	12	12
8	0	0	1.5	0.2
9	2.5	0.5	1.0	1.2
10	6	5	2.5	27
11	28	45	10	7
12	0.7	1.7	3	0.9
13	0.5	0.5	0.8	0.8
14	0.5	0.4	0.5	0.2
15	145	1.2	1.7	1.4
16	860	3.5	1.0	1.1
17	100	0.6	0.5	0.7
18	160	5	6	0.5
19	450	0.5	0.6	0.2
20	150	1.4	0.6	0.5
21	0.3	0.3	0.3	0.5

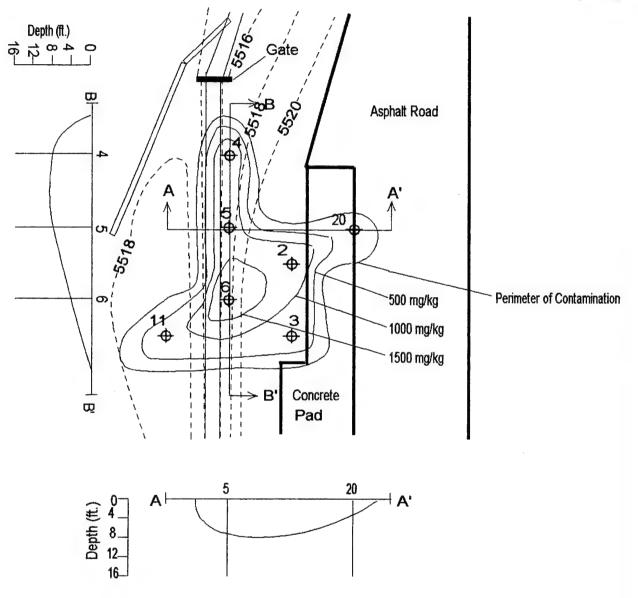
Table 3-2
Results of Analysis

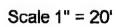
Location No.	End of Depth Interval (ft.)	TPH (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
1	6	3.1	0.2	0.029
1		ND	ND	ND
2	2	1140	63.5	2.190
2	6	0.28	0.02	0.001
3	2	985	18.6	0.613
3	6	0.2	0.02	0.001
4	2	1080	28.3	0.635
4	6	620	25.2	0.614
5	2	5.5	0.21	ND
5	6	1300	85.2	2.530
6	2	1640	65.05	1.660
6	6	0.15	0.03	0.007
7	2	0.44	0.03	0.002
7	6	0.39	0.03	0.004
9	2	0.26	0.04	0.002
10	2	0.12	0.01	ND
10	16	ND	0.003	ND
11	2	0.11	0.009	ND
11	6	605	18.1	0.885
15	2	0.17	0.01	0.002
15	11	0.11	0.004	ND
16	2	0.38	0.05	0.002
16	6	0.17	0.005	ND
17	2	1.26	0.07	0.003
18	2	1.26	0.06	0.003
18	11	ND	ND	ND
19	2	1.11	0.1	0.003
20	2 2	170	7.23	0.875
20	6	0.11	ND	ND
Background	2	0.78	0.007	ND
RAC III	Std.	500	100	N/A
			. 30	

ND: Not Detected









Legend Soil Core Elevation Contour Drain Pipe

depth of contamination of eight (8) feet results in a total volume of contaminated soil of approximately 420 yd³.

3.4 GEOLOGIC CONDITIONS

Geologic information for cross sections of the site (see Figure 3-1) is shown in Figure 3-2. Depths of contamination are also shown. Geological information was obtained from soil core logs taken during soil core sampling.

3.5 QUALITY ASSURANCE OF ANALYTICAL DATA

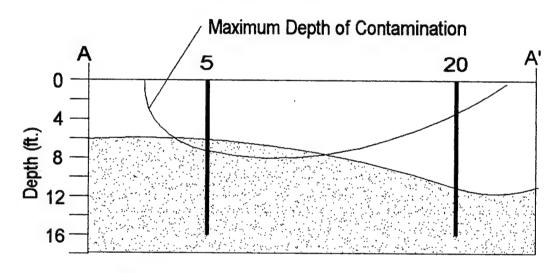
Three types of field Quality Control (QC) samples were sent for laboratory analysis. Namely, field blanks, equipment rinsate, and trip blanks. Two field blanks were taken of distilled water used for decontamination of sampling equipment. Three equipment rinsate samples were taken of distilled water that had been used for rinsing decontaminated sampling equipment to check the effectiveness of the decontamination process. Two trip blanks of distilled water accompanied soil core samples to the lab in the cooler.

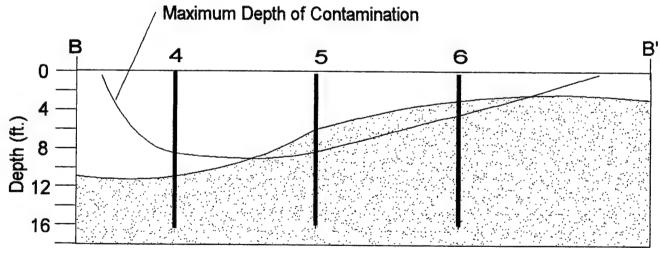
Results of analysis of QC samples are shown in Appendix E. Results of analysis show traces of toluene and xylenes at the $\mu g/l$ level for one of the field blanks. No other contaminants were detected for the field blanks. Results of analysis of the equipment rinsates show TPH concentrations of less than 0.25 mg/l. Since the range of interest for TPH and BTEX is >100 mg/kg, the concentrations of contaminants in the field blanks and equipment rinsates are well below levels that would be of concern.

Quality assurance (QA) was performed on all analytical data received from the laboratory. The laboratory report was checked to ensure that holding times were met, surrogate recoveries were within range, and reported results were within method detection limits. The results of the QC check are provided in Appendix E.

Five samples exceeded the holding time for VOA analysis. None of these samples exceeded the holding time by more than two days. Surrogate recoveries were outside the range of 70% to 130% for seven samples for various analyses. All samples with surrogate recoveries outside of this range were reanalyzed in accordance with laboratory QA/QC procedures. Surrogate recoveries were outside of this range due to matrix interference. All reported results met method detection limits.

Figure 3-2 Site Geologic Conditions





Clay, brown Sand, medium grain, brown

SECTION 4.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

4.1 STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Cleanup requirements for sites contaminated with spills from petroleum products in the State of Colorado are regulated by the CDPHE Hazardous Waste and Materials Management Division, Solid Waste Section. CDPHE Storage Tank Facility Owner/Operator Guidance Documents are required to be followed. These guidelines use three Remedial Action Categories (RAC's) depending on the nature of the contaminant and the use of groundwater that is in contact with contaminated soil. The RAC III cleanup requirement for soil at this site is 100 mg/kg BTEX and 500 mg/kg TPH.

In the event groundwater is contaminated with JP-4, groundwater cleanup standards found in Basic Standards for Groundwater, CDPHE Water Quality Control Commission, 3.11.0 (5-CCR-1002-8), are applicable.

4.2 DESCRIPTION OF REGULATED SUBSTANCE

4.2.1 Physical and Chemical Characteristics

Physical and chemical characteristics for JP-4 are found in the United States Coast Guard Chemical Hazardous Response Information System (CHRIS). A copy of the pages from CHRIS for JP-4 are provided in Appendix J. JP-4 contains very small amounts of benzene, ethylbenzene, toluene, and xylenes.

4.2.2 Toxicity

JP-4 is slightly toxic by ingestion. JP-4 may also cause irritation to the eyes, skin, and respiratory system.

4.2.3 Potential for Migration

Because JP-4 has a viscosity of less than water, it has a fairly high potential for migration in soil. JP-4 has a specific gravity of < 1 and will therefore float on groundwater.

4.2.4 Health Risks

Benzene is the constituent of JP-4 which poses the highest health risk. It is a known carcinogen and has been linked to various blood diseases. The concentration of benzene in JP-4 is appreciably lower than in gasoline.

4.3 **SOIL**

RAC III cleanup levels for soil are 100 mg/kg BTEX and 500 mg/kg TPH. Per the Storage Tank Facility Owner/Operator Guidance Documents, levels of 5 mg/kg total BTEX and 20 mg/kg TPH or background level, whichever is greater should be used in the assessment to determine the extent of contamination.

4.4 GROUNDWATER

Applicable State of Colorado groundwater standards are 5 μ g/l for benzene, 1000 μ g/l for toluene, 680 μ g/l for ethylbenzene, and 10,000 μ g/l for xylenes.

SECTION 5.0 CONCLUSIONS

The site assessment performed at the Fueling Area shows that:

- Total BTEX concentrations are well below the RAC III cleanup standard of 100 mg/kg. However, the contaminated area exceeds the cleanup standard for TPH of 500 mg/kg.
- Contamination is limited to a 1400 ft² area immediately west of the fill stand.
- 3. The maximum depth of contamination is eight (8) feet with an average depth of six (6) feet below the surface. Based on a maximum depth of eight (8) feet, a total volume 420 yd³ of soil is contaminated.
- 4. There does not appear to be any immediate, grave threat of groundwater contamination at this time. Consequently no groundwater monitoring appears necessary. This was confirmed with Peter Laux of CDPHE in a telephone conversation on December 21, 1995.

SECTION 6.0 RECOMMENDATIONS

The contamination may be cleaned up by excavating the soil in the contaminated area. Excavated soil may be landfarmed (aerated) at Buckley ANG Base in a suitable area or sent to off-site disposal. If buried utilities pose a problem to this method of cleanup, in-situ bio-remediation may be the alternative.

SECTION 7.0 REFERENCES

Colorado Department of Health, April 15, 1994. <u>Storage Tank Owner/Operator Guidance Documents</u> for Initial Site Characterization, Second-Level Site Assessment, Use of State Cleanup Guidelines, and Management of Contaminated Materials.

CDPHE Water Quality Control Commission. <u>Basic Standards for Groundwater</u>, 3.11.0 (5-CCR-1002-8).

Colorado Division of Water Resources, Office of the State Engineer, 1995. Colorado Wells, Applications, and Permits for the area surrounding the Buckley ANG Base Fueling Area, Aurora, Colorado.

HazWaste Technologies® Corporation, August 30, 1996. Work Plan for Fueling Area Site Assessment, Buckley ANG Base, Aurora, Colorado.

Higginbotham and Associates, P.C., May 1988. <u>Buckley Air National Guard Base Master Plan</u> Base Comprehensive Plan Narrative Report.

National Oceanic and Atmospheric Administration, 1994. <u>Local Climatological Data - Normals, Means and Extremes</u>, Denver, Colorado.

Stone & Webster Environmental Technology and Services, June 28, 1996. Work Plan Former Warehouse Area Site Investigation Buckley Air National Guard Base, Aurora, Colorado.

Telephone call record of December 21, 1995, Asvin Waran of HWT with Peter Laux of CDPHE.

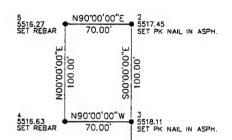
Telephone call record of January 29, 1996, Asvin Waran of HWT with Peter Laux of CDPHE.

United States Department of Agriculture, Soil Conservation Service, March 1971. Soil Survey of Arapahoe County, Colorado.

APPENDIX A SURVEY OF SITE

EXHIBIT

SHOWING LOCATION OF REFERENCE POINTS SET AT THE FUEL FACILITY ON BUCKLEY ANG ARAPAHOE COUNTY, COLORADO



PNT #	NORTHING	EASTING	ELEVATION	DESC.
1	685676.92	2202278.26	5523.29	P-19
2	686315.00	2202275.00	5517.45	NE COR
3	686215.00	2202275.00	5518.11	SE COR
4	686215.00	2202205.00	5516.63	SW COR
5	686315.00	2202205.00	5516.27	NW COR

NOTES:

THE PURPOSE OF THIS EXHBIT IS TO SHOW THE AREA WITH SET REBARS IN RELATION TO THE STATION MARKER (P-19).

THE COORDINATES FOR (P-19) WERE TAKEN FROM THE "HORIZONTAL & VERTICAL CONTROL" MAP BY ADVANCED SURVEYING, INC., PROJECT NO. CRWU902135 & CRWU902803, DATED 5/20/1993.

THIS EXHIBIT IS FOR SITE EVALUATION PURPOSES ONLY AND THE REBARS SET ARE CONTROL POINTS AND ARE NOT INTENDED TO DELINEATE A BOUNDARY OF LAND FOR RIGHTS OR USES.

YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS EXHIBIT WITHIN THREE YEARS AFTER DIS-COVERING SUCH DEFECT. IN NO EVENT MAY ANY ACTION BE TAKEN AFTER TEN YEARS OF THE DATE OF CERTIFICATION HEREON.

SURVEYOR'S STATEMENT

I, JOHN B. GUYTON, A DULY REGISTERED LAND SURVEYOR, LICENSED IN JOHN B. GUYTON, A DULY REGISTERED LAND SURVEYOR, LICENSED IN THE STATE OF COLORADO, DO HEREBY STATE FOR AND ON BEHALF OF FLATIRONS SURVEYING, INC. TO HAZWASTE TECHNOLOGIES THAT CONTROL POINTS WERE SET AND AN EXHIBIT WAS PRODUCED UNDER MY RESPONSIBLE CHARGE ON MARCH 18, 1996; THAT SAID EXHIBIT AND THE ELEVATIONS SHOWN HEREON ARE ACCURATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

JOHN B GUYTON COLORADO P.L.S. # 16406 PRESIDENT FLATIRONS SURVEYING, INC.

FSI JOB NO. 96-28,217

\$523.29 SCALE: 1"=100"

Flatirons Surveying,

5717 ARAPAHOE RD., BOULDER, CO 80303 (303) 443-7001

APPENDIX B DEVIATION FROM WORK PLAN FORM

Work Plan Deviation Form

Site Location: <u>Buckley ANG Base, Auror</u>	ra, CO	No. <u>001</u>
Project: Fueling Area Site Assessment		•
Deviation in Work Plan Proposed by: Ha	zWaste Technologies® Co	rporation
Proposed Deviation in Work Plan: We propose to eliminate the soil gas sun	vey since the area of contar	nination is
already well defined. We will use the sav	rings to take core samples f	rom additional
locations. We will select two soil cores from	om each locations for lab a	nalysis based
on the two highest readings obtained from	n Ambient Temperature He	adspace
Analysis performed with a field PID.		
Reason for Deviation: Area of contamination is well defined mak	ing the soil gas survey unn	ecessary.
This change will also make the methodolo		
Crash Site SA, which will be performed in		
HWT Project Manager Signature Aavi Ware	Date December 12, 1995	
ANGRC Project Manager		
Signature	Date	

APPENDIX C SCREENING RESULTS

Results of Soil Screening Average PID Readings (ppm)

Location	Depth Interval (ft.)					
No.	0-2	4-6	9-11	14-16		
	400		4.5	4		
1	400	5	1.5	. 4		
2	>2000	40	11	1		
3	>2000	40	7	5		
4	1500	>2000	35	50		
5	350	>2000	12	17		
6	>2000	>2000	20	40		
7	>2000	60	12	12		
8	0	0	1.5	0.2		
9	2.5	0.5	1.0	1.2		
10	6	5	2.5	27		
11	28	45	10	7		
12	0.7	1.7	3	0.9		
13	0.5	0.5	0.8	0.8		
14	0.5	0.4	0.5	0.2		
15	145	1.2	1.7	1.4		
16	860	3.5	1.0	1.1		
17	100	0.6	0.5	0.7		
18	160	5	6	0.5		
19	450	0.5	0.6	0.2		
20	150	1.4	0.6	0.5		
21	0.3	0.3	0.3	0.5		

APPENDIX D SOIL CORE LOGS Log of Boring No. ____1

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler
Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	400		Clay, Dark Brown, Dry
5	5		Clay, Dark Brown, Dry, Little Shale
10	1.5		Sand, Brown, Medium Grain, Dry
15	4		Sand, Brown, Medium Grain, Dry
20 ———			

Log	of	Boring	No.	2

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marter Dri**li**ng Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
<u> </u>	>2000		Clay, Dark Brown, Gray Discoloration
5	- 40		Clay, Dark Brown, Dry, Some Sand
10	11		Sand, Brown, Medium Grain, Dry
15	1		Sand, Brown, Medium Grain, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler
Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	>2000		Clay, Dark Brown, Some Moisture, Petroleum Odor
5	40		Clay, Dark Brown, Dry
10	7		Sand, Brown, Medium Grain, Dry
15	5		Sand, Brown, Medium Grain, Dry
20 —			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
			Land Surface Elevation
0	1500		Clay, Dark Brown, Some Moisture, Some Sand, Rocks Top 6 in.
5	>2000		Clay, Dark Brown, Some Moisture, Some Sand, Strong Petroleum Odor
10	35		Clay, Brown, Dry, Some Sand
15	50		Sand, Brown, Medium Grain, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
			Land Surface Elevation
0 —	350		Clay, Dark Brown, Some Moisture, Rocks Top 6 in.
5	>2000		Clay, Dark Brown, Some Moisture, Some Sand, Petroleum Odor
10	12		Sand, Brown, Medium Grain, Dry
15	17		Sand, Brown, Medium Grain, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	>2000		Clay. Dark Brown. Some Moisture. Rocks Top 6 in., Petroleum Odor
5	>2000		Sand, Brown, Medium Grain, Dry, Petroleum Odor
10	20		Sand, Brown, Medium Grain, Dry
15	40		Sand, Brown, Medium Grain, Dry
	-		

Log of Boring No. _____7___

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	>2000		Clay, Dark Brown, Some Moisture, Rocks Top 6 in.
5	60		Sand, Brown, Medium Grain, Dry
10	12		Sand, Brown, Medium Grain, Dry
15	12		Sand, Brown, Medium Grain, Dry
20			

Loa	of	Boring	No.	8
LUU	U	DUILING	INU.	

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler
Drilling Co.: GEO Environmental

	I		
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	0		Clay, Dark Brown, Some Moisture, Rocks Top 6 in.
5	0		Clay, Brown, Dry
10	1.5		Sand, Brown, Medium Grain, Dry, Some Clay
15	0.2		Sand, Brown, Medium Grain, Dry
20			·

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	2.5		Sand, Brown, Fine Grain, Dry
5	0.5		Sand, Brown, Fine Grain, Dry
10	1.0		Sand, Brown, Medium Grain, Dry
			Cond Drawn Madius Cosis Day
15	1.2		Sand, Brown, Medium Grain, Dry
20 ———			

___10 Log of Boring No.

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler
Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	6		Sand, Brown, Fine Grain, Dry
5	5		Sand, Brown, Fine Grain, Dry
10	2.5		Sand, Brown, Medium Grain, Dry
15	27		Sand, Brown, Medium Grain, Dry
20	_		

Log of Boring No. ____11

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/13/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	28		Clay, Brown, Dry, Traces of Sand
5	45		Clay, Brown, Dry
10	10		Clay, Brown, Dry, Traces of Sand
15	7		Clay, Brown, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0		,,,,,,,,,,	Land Surface Elevation
	0.7		Silt, Brown, Dry, Traces of Clay
5	1.7		Silt, Brown, Dry, Traces of Clay
10	3		Silt, Brown, Dry, Traces of Clay
15	0.7		Sand, Brown, Medium Grain, Dry, Some Silt
20 —			·

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0 —			Land Surface Elevation
	0.5		Clay, Brown, Dry, Some Silt
5	0.5		Sand, Brown, Fine Grain, Some Silt
10	0.8		Silt, Brown, Dry, Some Sand
15	0.8		Clay, Brown, Dry, Some Sand
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	0.5		Clay, Brown, Dry, Some Silt
5	0.4		Clay, Brown, Dry, Traces of Silt
10	0.5		Clay, Brown, Dry, Some Silt
15	0.2		Clay, Brown, Dry, Some Silt
20 ———			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0 —			Land Surface Elevation
	145		Clay, Dark Brown, Dry, Some Gravel
5	1.2		Clay, Dark Brown, Dry
10	1.7		Sand, Brown, Medium Grain, Dry
15	1.4		Sand, Brown, Medium Grain, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95

Logged By: Eric Marler
Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	860		Clay, Dark Brown, Dry, Traces of Silt
5	3.5		Clay, Dark Brown, Dry
10	1.0		Clay, Brown, Dry, Some Sand
15	1.1		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. ____17

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0	100		Land Surface Elevation Gravel, Dark Brown, Dry, Traces of Clay
5	0.6		Clay, Dark Brown, Dry, Some Sand
10	0.5		Sand, Brown, Medium Grain, Dry
15	0.7		Sand, Brown, Medium Grain, Dry
20 —			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	160		Clay, Dark Brown, Dry, Some Gravel
5	5		Clay, Dark Brown, Dry, Traces of Silt
10	6		Sand, Brown, Medium Grain, Dry
15	0.5		Sand, Brown, Medium Grain, Dry
20 ———			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	450		Gravel, Dark Brown, Dry, Traces of Clay
5	0.5		Clay, Dark Brown, Dry, Traces of Silt
10	0.6		Sand, Brown, Medium Grain, Dry
15	0.2		Sand, Brown, Medium Grain, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0		,,,,,,,,,,,	Land Surface Elevation
· —	150		Clay, Dark Brown, Dry, Some Gravel
5	1.4		Clay, Dark Brown, Dry
10	0.6		Clay, Brown, Dry, Some Sand
15	0.5		Sand, Brown, Medium Grain, Dry
20			

Buckley ANG Base Aurora, Colorado Project: Fueling Area Site Assessment

Date Drilled: 12/14/95 Logged By: Eric Marler Drilling Co.: GEO Environmental

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	0.3		Silt, Brown, Dry
5	0.3		Silt, Brown, Dry
10 ———	0.3		Silt, Brown, Dry, Traces of Sand
15 	0.5		Sand, Brown, Medium Grain, Dry, Some Silt
20			

APPENDIX E ANALYTICAL DATA AND QA EVALUATION RESULTS

Analysis of QC Samples

Three types of field QC samples were sent for laboratory analysis. Namely, field blanks, equipment rinsates, and trip blanks. Field blanks were samples of distilled water used for decontamination of sampling equipment. Equipment rinsates consisted of distilled water that had been used for rinsing decontaminated sampling equipment to check the effectiveness of the decontamination process. Trip blanks consisted of distilled water samples that accompanied soil core samples to the lab in the cooler.

Results of analysis of all blanks are shown in the table below:

Sample Type	Sample No.	Date	TPH	Benzene	Toluene	Ethylbenzene	Xylenes
Field Blank	9511213-01	12/13/95	ND	ND	0.002	ND	0.005
Equip. Rinsate	9511213-02	12/13/95	0.24	ND	0.002	0.002	0.008
Equip. Rinsate	9511214-01	12/14/95	0.21	ND	ND	ND	2.28
Field Blank	9511214-02	12/14/95	ND	ND	ND	ND	ND
Equip. Rinsate	9511214-03	12/14/95	ND	ND	ND	ND	ND
Trip Blank	Trip Blank	12/13/95	ND	ND	ND	ND	ND
Trip Blank	Trip Blank	12/14/95	ND	ND	ND	ND	ND

ND: Not Detected

Results of analysis show only traces of toluene and xylenes at the µg/l level for the field blank taken on 12/13/95. No contaminants were detected for the field blank sample taken on 12/14/95. Results of analysis of equipment rinsates show TPH concentrations of less than 0.25 mg/l. Since the range of interest for TPH and BTEX is >100 mg/kg, the concentrations of contaminants in the field blanks and equipment rinsates are well below levels that would be of concern.

No contaminants were detected in the trip blanks.

QA Check of Laboratory Data

Sample ID	Were Holding Times Met ?	Are Surrogate Recoveries Between 70% and 130% ?	Were Method Detection Limits Met ?
F1-0			
F1-0	yes	yes	yes
F2-0	yes	yes	yes
	no	no	yes
F2-4	yes	yes	yes
F3-0	yes	no	yes
F3-4	yes	yes	yes
F4-0	no	no	yes
F4-4	no	no	yes
F5-0	yes	yes	yes
F5-4	no	yes	yes
F6-0	no	no	yes
F6-4	yes	yes	yes
F7-0	yes	yes	yes
F7-4	yes	yes	yes
F9-0	yes	yes	yes
F10-0	yes	yes	yes
F10-14	yes	yes	yes
F11-0	yes	yes	yes
F11-4	yes	yes	yes
F15-0	yes	yes	yes
F15-9	yes	yes	yes
F16-0	yes	no	yes
F16-4	yes	yes	yes
F17-0	yes	yes	yes
F18-0	yes	yes	yes
F18-9	yes	yes	yes
F19-0	yes	no	yes
F20-0	yes	yes	yes
F20-4	yes	yes	yes
Background	yes	yes	yes

Note 1: Holding times for VOA analysis were exceeded for five samples. Holding times were never exceeded by more than two days.

Note 2: Surrogate recoveries exceeded the limits of 70% to 130% for seven samples. Surrogate recovories for these samples ranged from 59% to 166%.

Jan 09, 1996

Haz-waste Technologies Corp. Mr. Eric Marler 2995 Center Green Court South Boulder, CO 80301

Dear Mr. Marler,

Please find enclosed the report for 93 samples received at HydroLogic Laboratories, Inc. on 15 Dec 1995 for your project number, BANG FUELING AREA. The report reference is L2397.

If you have any questions, please call (303) 659-0497.

Sincerely,

Bob Cathel Project Manager

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Login Number: L2397

L2397-1 L2397-2 F1-0 13 Dec 95 08:32 L2397-3 F1-4 13 Dec 95 08:40 L2397-4 F1-9 13 Dec 95 08:46 L2397-5 F1-14 13 Dec 95 08:56 L2397-6 F2-0 13 Dec 95 09:05 L2397-7 F2-4 13 Dec 95 09:05 L2397-8 F2-9 13 Dec 95 09:25 L2397-9 F2-14 13 Dec 95 09:30 L2397-10 F3-0 F3-0 F3-0 F3-4 F3-4 F4-0 F3-9 F3-14 F4-0 F3-9 F3-14 F4-0 F3-9 F3-15 F4-4 F4-0 F3-9 F3-16 F4-9 F3-9 F3-16 F4-9 F3-9 F3-17 F4-14 F3-9 F3-18 F5-0 F3-18 F5-0 F3-19 F5-4 F3-9 F5-4 F3-9 F5-14 F5-14 F3-9 F5-14 F3-9 F5-14 F5-14 F3-9 F5-14 F3-9 F5-14 F5-14 F3-9 F5-14 F5-14 F3-9 F5-14 F5-15 F5-14 F5-14 F5-15 F5-14 F5-14 F5-15 F5-14 F5-16 F6-17 F5-14 F5-16 F6-19 F5-17 F5-14 F5-16 F6-19 F5-17 F5-14 F5-18 F5-19 F5-	HydroLogic Sample Number	Client Sample Identification	Sample Date/Time
	L2397-1 L2397-3 L2397-4 L2397-6 L2397-6 L2397-7 L2397-8 L2397-9 L2397-10 L2397-11 L2397-12 L2397-12 L2397-15 L2397-15 L2397-16 L2397-17 L2397-18 L2397-19 L2397-20 L2397-21 L2397-20 L2397-21 L2397-25 L2397-25 L2397-25 L2397-25 L2397-26 L2397-27 L2397-28 L2397-29 L2397-30 L2397-31 L2397-31 L2397-31 L2397-31 L2397-35 L2397-36 L2397-37 L2397-37 L2397-37	9511213-01 F1-0 F1-4 F1-9 F1-14 F2-0 F2-4 F2-9 F2-14 F3-0 F3-4 F3-9 F3-14 F4-0 F4-4 F4-9 F4-14 F5-0 F5-14 F5-9 F6-14 F7-9 F7-4 F7-9 F7-14 F7-9 F7-14 F8-9 F8-14 F9-0 F8-14 F9-0 F9-14 F9-9 F9-14 F10-0	13 Dec 95 08:32 13 Dec 95 08:40 13 Dec 95 08:48 13 Dec 95 09:05 13 Dec 95 09:05 13 Dec 95 09:16 13 Dec 95 09:25 13 Dec 95 09:30 13 Dec 95 09:35 13 Dec 95 09:40 13 Dec 95 09:45 13 Dec 95 09:55 13 Dec 95 09:55 13 Dec 95 10:10 13 Dec 95 10:10 13 Dec 95 10:20 13 Dec 95 10:20 13 Dec 95 10:30 13 Dec 95 10:30 13 Dec 95 10:40 13 Dec 95 10:40 13 Dec 95 10:40 13 Dec 95 13:25 13 Dec 95 13:55 13 Dec 95 15:55 13 Dec 95 15:55 13 Dec 95 14:45 13 Dec 95 14:55

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Sample Number	Client Sample Identification	Sample Date/Time
L2397-41	F10-14	13 Dec 95 15:00
L2397-42	F11-0	13 Dec 95 15:03
L2397-43	F11-4	13 Dec 95 15:10
L2397-44	F11-9	13 Dec 95 15:15
L2397-45	F11-14	13 Dec 95 15:20
L2397-46	951213-02	13 Dec 95 00:00
L2397-47	TRIP BLANK	12 Dec 95 00:00
L2397-48	F15-0	14 Dec 95 07:55
L2397-49	F15-4	14 Dec 95 08:00
L2397-50	F15-9	14 Dec 95 08:05
L2397-51	F15-14	14 Dec 95 08:10
L2397-52	F16-0	14 Dec 95 08:25
L2397-53	F16-4	14 Dec 95 08:30
L2397-54	F16-9	14 Dec 95 08:35
L2397-55	F16-14	14 Dec 95 08:40
L2397-56	F17-0	14 Dec 95 08:55
L2397-57	F17-4	14 Dec 95 09:00
L2397-58	F20-0	14 Dec 95 10:35
L2397-59	F20-4	14 Dec 95 10:40
L2397-60	F20-9	14 Dec 95 10:45
L2397-61	F20-14	14 Dec 95 10:50
L2397-62	F12-0	14 Dec 95 12:40
L2397-63	F12-4	14 Dec 95 12:45
L2397-64	F12-9	14 Dec 95 12:50
L2397-65	F12-14	14 Dec 95 12:55
L2397-66	F13-0	14 Dec 95 13:00
L2397-67	F13-4	14 Dec 95 13:05
L2397-68	F13-9	14 Dec 95 13:03
L2397-69	F13-14	14 Dec 95 13:10
L2397-70	F14-0	14 Dec 95 13:15
L2397-71	F14-4	14 Dec 95 13:20
L2397-72	F14-9	
L2397-73	F14-14	
L2397-74	F21-0	
L2397-75	F21-4	14 Dec 95 14:18
L2397-76	F21-9	14 Dec 95 14:25
L2397-77	F17-9	14 Dec 95 14:30
L2397-78	F17-14	14 Dec 95 09:05
L2397-78	F17-14 F18-0	14 Dec 95 09:10
L2397-80	F18-4	14 Dec 95 09:32
	t TO-4	14 Dec 95 09:35

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Sample Number	Client Sample Identification	Sample Date/Time					
L2397-81 L2397-82 L2397-83 L2397-85 L2397-86 L2397-87 L2397-87 L2397-88 L2397-89 L2397-90 L2397-91 L2397-92	F18-9 F18-14 F19-0 F19-4 F19-9 F19-14 F21-14 951214-01 951214-02 951214-03 951214-1DW BG	14 Dec 95 09:40 14 Dec 95 09:45 14 Dec 95 10:35 14 Dec 95 10:05 14 Dec 95 10:10 14 Dec 95 10:15 14 Dec 95 14:35 14 Dec 95 10:35 14 Dec 95 10:35 14 Dec 95 14:25 14 Dec 95 07:45					
L2397-93	TRIP BLANK	14 Dec 95 00:00					

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

<u> </u>	METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE N	UMBER: L2397-1	CLIENT ID: 95	11213-01	MATRIX: Aqueous
	SW846, 8015 SW8240 SW-846, 8020	12/13/95 08:32 12/13/95 08:32 12/13/95 08:32	12/27/95 12/19/95 12/27/95	12/27/95 10:08 12/19/95 15:37 12/27/95 10:08
SAMPLE N	UMBER: L2397-2	CLIENT ID: F1	0	MATRIX:Soil
	SW846, 8240 SW846 8015M SW-846, 8020	12/13/95 08:40 12/13/95 08:40 12/13/95 08:40	12/27/95 12/19/95 12/19/95	12/27/95 01:36 12/19/95 14:10 12/19/95 14:10
SAMPLE N	UMBER: L2397-3	CLIENT ID: F1	4	MATRIX:Soil
5	SW846, 8240 SW846 8015M SW-846, 8020	12/13/95 08:48 12/13/95 08:48 12/13/95 08:48	12/27/95 12/19/95 12/19/95	12/27/95 16:01 12/19/95 14:49 12/19/95 14:49
SAMPLE N	UMBER: L2397-4	CLIENT ID: F1	9	MATRIX:Soil
5	SW846, 8240	12/13/95 08:56	12/27/95	12/27/95 17:57
SAMPLE N	UMBER: L2397-5	CLIENT ID: F1-	14	MATRIX:Soil
SAMPLE N	UMBER: L2397-6	CLIENT ID: F2-	0	MATRIX:Soil
S	SW846, 8240 SW846, 8240 SW846 8015M SW-846, 8020	12/13/95 09:16 12/13/95 09:16 12/13/95 09:16 12/13/95 09:16	12/27/95 12/29/95 12/20/95 12/20/95	12/27/95 16:39 12/29/95 16:22 12/20/95 20:38 12/20/95 20:38
SAMPLE N	UMBER: L2397-7	CLIENT ID: F2-	4	MATRIX:Soil
S	SW846, 8240 SW846 8015M SW-846, 8020	12/13/95 09:25 12/13/95 09:25 12/13/95 09:25	12/27/95 12/20/95 12/20/95	12/27/95 17:18 12/20/95 11:41 12/20/95 11:41
SAMPLE N	U MBER: L2397-8	CLIENT ID: F2-	9	MATRIX:Soil
SAMPLE N	U MBER: L2397-9	CLIENT ID: F2-	14	MATRIX:Soil
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	anna a anna marita an anasan an a		**************************************

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

METHOD	COLLECTED	PREPARE	D ANALYZED
SAMPLE NUMBER: L2397-	10 CLIENT ID:	F3-0	MATRIX:Soil
SW846, 8240 SW846 8015M	12/13/95 09:40 12/13/95 09:40	12/27/95 12/21/95	12/27/95 02:15 12/21/95 00:02
SW-846, 8020	12/13/95 09:40	12/21/95	12/21/95 00:02
SAMPLE NUMBER: L2397-	11 CLIENT ID:	F3-4	MATRIX: Soil
SW846, 8240	12/13/95 09:45	12/27/95	12/27/95 03:34
SW846 8015M SW-846, 8020	12/13/95 09:45 12/13/95 09:45	12/20/95 12/20/95	12/20/95 12:20 12/20/95 12:20
SAMPLE NUMBER: L2397-	2 CLIENT ID:	F3-9	MATRIX:Soil
SAMPLE NUMBER: L2397-1	3 CLIENT ID:	F3-14	MATRIX: Soil
SAMPLE NUMBER: L2397-1	4 CLIENT ID: 1	F4-0	MATRIX:Soil
SW846, 8240	12/13/95 10:10	12/27/95	12/27/95 02:54
SW846, 8240 SW846 8015M	12/13/95 10:10 12/13/95 10:10	12/28/95	12/28/95 19:09
SW-846, 8020	12/13/95 10:10	12/21/95 12/21/95	12/21/95 12:03 12/21/95 12:03
SAMPLE NUMBER: L2397-1	5 CLIENT ID: 1	74-4	MATRIX:Soil
SW846, 8240	12/13/95 10:15	12/27/95	12/27/95 13:19
SW846, 8240	12/13/95 10:15	12/29/95	12/29/95 14:16
SW846 8015M SW-846, 8020	12/13/95 10:15 12/13/95 10:15	12/20/95 12/20/95	12/20/95 16:32 12/20/95 16:32
SAMPLE NUMBER: L2397-1	6 CLIENT ID: 1	74-9	MATRIX:Soil
SAMPLE NUMBER: L2397-1	7 CLIENT ID: 1	3 4-14	MATRIX:Soil
SAMPLE NUMBER: L2397-1	8 CLIENT ID: 1	F5-0	MATRIX: Soil
SW846, 8240	12/13/95 10:30	12/27/95	12/27/95 15:22
SW846 8015M	12/13/95 10:30	12/20/95	12/20/95 13:41
SW-846, 8020	12/13/95 10:30	12/20/95	12/20/95 13:41
SAMPLE NUMBER: L2397-1	9 CLIENT ID: F	5-4	MATRIX:Soil

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

SW846, 8240 12/13/95 10:30 12/27/95 12/27/95 15:43 SW846 8015M 12/13/95 10:30 12/21/95 12/21/95 12:44 SW-846, 8020 12/13/95 10:30 12/21/95 12/21/95 12:44 AMPLE NUMBER: L2397-20 CLIENT ID: F5-9 MATRIX:Soil AMPLE NUMBER: L2397-22 CLIENT ID: F6-0 MATRIX:Soil SW846, 8240 12/13/95 13:11 12/27/95 12/29/95 13:28 SW846, 8240 12/13/95 13:11 12/29/95 12/29/95 14:55 SW846, 8240 12/13/95 13:11 12/21/95 12/21/95 13:23 SW846, 8020 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 SW846, 8020 12/13/95 13:10 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 SW846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil SW846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8020 12/13/95 13:25 12/21/95 12/20/95 00:19 SW846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19 SW846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19 SW846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	METHOD	COLLECTED	PREPARE	D ANALYZED
SW846, 8015M 12/13/95 10:30 12/21/95 12/21/95 12:44 SW-846, 8020 12/13/95 10:30 12/21/95 12/21/95 12:44 AMPLE NUMBER: L2397-20 CLIENT ID: F5-9 MATRIX:Soil AMPLE NUMBER: L2397-21 CLIENT ID: F5-14 MATRIX:Soil AMPLE NUMBER: L2397-22 CLIENT ID: F6-0 MATRIX:Soil SW846, 8240 12/13/95 13:11 12/27/95 12/27/95 13:58 SW846, 8240 12/13/95 13:11 12/29/95 12/29/95 14:55 SW846 8015M 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 MATRIX:Soil SW846, 8240 12/13/95 13:20 12/21/95 12/20/95 13:00 SW846, 8240 12/13/95 13:20 12/20/95 12/20/95 13:00 SW846, 8240 12/13/95 13:20 12/20/95 12/20/95 13:00 SW846, 8240 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil AMPLE NUMBER: L2397-26 CLIENT ID: F6-14 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/2			12/27/95	12/27/95 14:37
SW-846, 8020 12/13/95 10:30 12/21/95 12/21/95 12:44 AMPLE NUMBER: L2397-20 CLIENT ID: F5-9 MATRIX:Soil AMPLE NUMBER: L2397-21 CLIENT ID: F5-14 MATRIX:Soil AMPLE NUMBER: L2397-22 CLIENT ID: F6-0 MATRIX:Soil SW846, 8240 12/13/95 13:11 12/29/95 12/27/95 13:58 SW846, 8240 12/13/95 13:11 12/29/95 12/29/95 14:55 SW846 8015M 12/13/95 13:11 12/21/95 12/21/95 13:23 SW-846, 8020 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 MATRIX:Soil SW846, 8015M 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil AMPLE NUMBER: L2397-26 CLIENT ID: F7-0 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 07:29 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19		12/13/95 10:30	12/29/95	12/29/95 15:43
AMPLE NUMBER: L2397-21		12/13/95 10:30	12/21/95	12/21/95 12:44
AMPLE NUMBER: L2397-21	SW-846, 8020	12/13/95 10:30	12/21/95	12/21/95 12:44
AMPLE NUMBER: L2397-22	AMPLE NUMBER: L2397	-20 CLIENT ID:	F5-9	MATRIX:Soil
SW846, 8240 12/13/95 13:11 12/27/95 12/29/95 14:55 SW846 8015M 12/13/95 13:11 12/21/95 12/21/95 13:23 SW-846, 8020 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 MATRIX:Soil SW846, 8240 12/13/95 13:20 12/27/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 08:08 SW846, 8015M 12/13/95 13:25 12/27/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 07:29 SW846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19 SW846, 8000 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8000 12/13/95 13:25 12/20/95 12/20/95 00:19	AMPLE NUMBER: L2397	-21 CLIENT ID:	F5-14	MATRIX:Soil
SW846, 8240 12/13/95 13:11 12/29/95 12/29/95 14:55 SW846 8015M 12/13/95 13:11 12/21/95 12/21/95 13:23 SW-846, 8020 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 MATRIX:Soil SW846, 8240 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil AMPLE NUMBER: L2397-26 CLIENT ID: F7-0 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 07:29 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	SAMPLE NUMBER: L2397	-22 CLIENT ID: 1	F6-0	MATRIX:Soil
SW846, 8240 12/13/95 13:11 12/29/95 12/29/95 14:55 SW846 8015M 12/13/95 13:11 12/21/95 12/21/95 13:23 SW-846, 8020 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23 CLIENT ID: F6-4 MATRIX:Soil SW846, 8240 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil AMPLE NUMBER: L2397-26 CLIENT ID: F7-0 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 07:29 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	SW846 8240	12/13/95 13:11	12/27/05	12/27/05 12:59
SW846 8015M				
SW-846, 8020 12/13/95 13:11 12/21/95 12/21/95 13:23 AMPLE NUMBER: L2397-23				
SW846, 8240 12/13/95 13:20 12/27/95 12/20/95 13:00 SW846 8015M 12/13/95 13:20 12/20/95 12/20/95 13:00 SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 08:08 SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 00:19 SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846, 8240 12/13/95 13:25 12/20/95 12/20/95 00:19 SW846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19				
SW846 8015M	AMPLE NUMBER: L2397	-23 CLIENT ID: 1	F6-4	MATRIX:Soil
SW846 8015M	SW846, 8240	12/13/95 13:20	12/27/95	12/27/95 08:47
SW-846, 8020 12/13/95 13:20 12/20/95 12/20/95 13:00 AMPLE NUMBER: L2397-24 CLIENT ID: F6-9 MATRIX:Soil AMPLE NUMBER: L2397-25 CLIENT ID: F6-14 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 08:08 SW846 8015M 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/21/95 12/21/95 07:29 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW846, 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	SW846 8015M	12/13/95 13:20	12/20/95	
AMPLE NUMBER: L2397-26	SW-846, 8020	12/13/95 13:20	12/20/95	12/20/95 13:00
AMPLE NUMBER: L2397-26	AMPLE NUMBER: L2397	-24 CLIENT ID: 1	7 6-9	MATRIX:Soil
SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 08:08 SW846 8015M 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	AMPLE NUMBER: L2397	-25 CLIENT ID: 1	F6-14	MATRIX:Soil
SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 08:08 SW846 8015M 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	AMPLE NUMBER: L2397	-26 CLIENT ID: 1	F7-0	MATRIX:Soil
SW846 8015M 12/13/95 13:25 12/21/95 12/21/95 10:43 SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	CM646 8340	12/12/05 12:25	12/27/05	
SW-846, 8020 12/13/95 13:25 12/21/95 12/21/95 10:43 AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	•			
AMPLE NUMBER: L2397-27 CLIENT ID: F7-4 MATRIX:Soil SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19				
SW846, 8240 12/13/95 13:25 12/27/95 12/27/95 07:29 SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19				
SW846 8015M 12/13/95 13:25 12/20/95 12/20/95 00:19 SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19		a ta anna a a www.tawa.	A STATE OF THE STA	MATRIX.SUII
SW-846, 8020 12/13/95 13:25 12/20/95 12/20/95 00:19	•		12/27/95	
AMPLE NUMBER: 12397-28 CLIENT ID: F7-9 MATDIV-0231	SW-846, 8020	12/13/95 13:25	12/20/95	12/20/95 00:19
	AMPLE NUMBER: 1/2307	-28 CLIENT ID- I	77-0	MATRIX:Soil

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

METHOD	COLLECTED	PROPARE	D ANALYZED
SAMPLE NUMBER: L2397-	29 CLIENT ID: 1	F7-14	MATRIX: Soil
SAMPLE NUMBER: L2397	30 CLIENT ID: 1	F8-0	MATRIX: Soil
SAMPLE NUMBER: L2397-	31 CLIENT ID: 1	F8-4	MATRIX: Soil
SAMPLE NUMBER: L2397-	32 CLIENT ID: 1	F8-9	MATRIX:Soil
SAMPLE NUMBER: 12397-	33 CLIENT ID: 1	7 8-14	MATRIX:Soil
SAMPLE NUMBER: L2397-	34 CLIENT ID: 1	79-0	MATRIX:Soil
SW846, 8240 SW846 8015M SW-846, 8020	12/13/95 14:40 12/13/95 14:40 12/13/95 14:40	12/27/95 12/22/95 12/22/95	12/27/95 06:11 12/22/95 11:01 12/22/95 11:01
SAMPLE NUMBER: 1.2397-	35 CLIENT ID: F	⁷ 9-4	MATRIX:Soil
SAMPLE NUMBER: L2397-	36 CLIENT ID: F	79 <u>-</u> 9	MATRIX:Soil
SAMPLE NUMBER: L2397-	37 CLIENT ID: F	9-14	MATRIX:Soil
SAMPLE NUMBER: L2397-	S8 CLIENT ID: F	10-0	MATRIX:Soil
SW846, 8240 SW846 8015M SW-846, 8020	12/13/95 14:55 12/13/95 14:55 12/13/95 14:55	12/27/95 12/22/95 12/22/95	12/27/95 04:13 12/22/95 12:21 12/22/95 12:21
SAMPLE NUMBER: L2397-3	99 CLENT ID: F	10-4	MATRIX:Soil
SAMPLE NUMBER: L2397-4	O CLENT ID: F	10-9	MATRIX:Soil
SAMPLE NUMBER: L2397-4	1 CLENT ID: F	10-14	MATRIX:Soil
SW846, 8240	12/13/95 15:00	12/27/95	12/27/95 04:52

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

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SW846 8		12/13/95 15:00	12/20/95	12/20/95 21:19	
SW-846,	, 8020	12/13/95 15:00	12/20/95	12/20/95 21:19	
SAMPLE NUMBE	R: L2397-	42 CLIENT ID:	F11-0	MATRIX:Soil	45.x
SW846,	8240	12/13/95 15:03	12/27/95	12/27/95 05:31	
SW846 8		12/13/95 15:03	12/22/95	12/22/95 13:00	
SW-846,	8020	12/13/95 15:03	12/22/95	12/22/95 13:00	
SAMPLE NUMBE	R: L2397-	43 CLIENT ID:	F11-4	MATRIX:Soil	1132
SW846,	8240	12/13/95 15:10	12/27/95		
SW846 8		12/13/95 15:10	12/21/95	12/27/95 06:50	
SW-846,		12/13/95 15:10	12/21/95	12/21/95 14:02	
			12/21/93	12/21/95 14:02	
SAMPLE NUMBE	R: L2397-	44 CLIENT ID: 1	F11-9	MATRIX:Soil	i Mi
C.A. NATIONAL SALESSANDER	In :::202.22.2.20				
SAMPLE NUMBE	K: L2397-4	45 CLIENT ID: 1	F11-14	MATRIX:Soil	Bas ra
					1111111111
SAMPLE NUMBE	R: L2397-4	46 CLIENT ID: 9	951213-02		
	1444442	na esta de seguiero de la companya del companya de la companya del companya de la	1 Maria - 1 Maria - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	MATRIX: Aqueous	
SW846,	1444442	12/13/95 00:00	12/27/95	MATRIX: Aqueous 12/27/95 14:48	
	8015	na esta de seguiero de la companya del companya de la companya del companya de la	1 Maria - 1 Maria - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55	
SW846, SW8240 SW-846,	8015 8020	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00	12/27/95 12/19/95 12/27/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48	
SW846, SW8240 SW-846, SAMPLE NUMBE	8015 8020 R: L2397-4	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1	12/27/95 12/19/95 12/27/95 FRIP BLANK	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846,	8015 8020 R: L2397-4	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00	12/27/95 12/19/95 12/27/95 FRIP BLANK	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240	8015 8020 R: L2397-4	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00 12/12/95 00:00	12/27/95 12/19/95 12/27/95 FRIP BLANK 12/27/95 12/19/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240 SW-846,	8015 8020 R: L2397-4 8015 8020	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00	12/27/95 12/19/95 12/27/95 TRIP BLANK 12/27/95 12/19/95 12/27/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240 SW-846,	8015 8020 R: L2397-4 8015 8020	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00	12/27/95 12/19/95 12/27/95 TRIP BLANK 12/27/95 12/19/95 12/27/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240 SW-846,	8015 8020 R: L2397-4 8015 8020 R: L2397-4	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00	12/27/95 12/19/95 12/27/95 FRIP BLANK 12/27/95 12/19/95 12/27/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16 12/27/95 16:48 MATRIX: Soil	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240 SW-846, SAMPLE NUMBE	8015 8020 R: L2397-4 8015 8020 R: L2397-4	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00 48 CLIENT ID: I	12/27/95 12/19/95 12/27/95 FRIP BLANK 12/27/95 12/19/95 12/27/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16 12/27/95 16:48 MATRIX: Soil 12/28/95 02:49	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240 SW-846, SAMPLE NUMBE SW846, 8	8015 8020 R: L2397-4 8015 8020 R: L2397-4 3240 015M	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 1 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00 48 CLIENT ID: I	12/27/95 12/19/95 12/27/95 FRIP BLANK 12/27/95 12/19/95 12/27/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16 12/27/95 16:48 MATRIX: Soil	
SW846, SW8240 SW-846, SAMPLE NUMBE SW846, SW8240 SW-846, SAMPLE NUMBE SW846, 8 SW846, 8 SW846, 8	8015 8020 R: L2397-4 8015 8020 R: L2397-4 8240 015M 8020	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47 CLIENT ID: 7 12/12/95 00:00 12/12/95 00:00 12/12/95 00:00 48 CLIENT ID: B 12/14/95 07:55 12/14/95 07:55	12/27/95 12/19/95 12/27/95 12/27/95 FRIP BLANK 12/27/95 12/19/95 12/27/95 12/22/95 12/22/95 12/22/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16 12/27/95 16:48 MATRIX: Soil 12/28/95 02:49 12/22/95 13:41	
SW8240 SW-846, SAMPLE NUMBE SW846, 8 SW8240 SW-846, SAMPLE NUMBE SW846, 8 SW846, 8	8015 8020 R: L2397-4 8015 8020 R: L2397-4 8020 R: L2397-4	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47	12/27/95 12/19/95 12/27/95 FRIP BLANK 12/27/95 12/19/95 12/27/95 715-0 12/28/95 12/22/95 12/22/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16 12/27/95 16:48 MATRIX: Soil 12/28/95 02:49 12/22/95 13:41 12/22/95 13:41 12/22/95 13:41	
SW846, SW8240 SW-846, SW8240 SW-846, SW8240 SW-846, SW846, SW846, SW846, SW846, SW846, SW846, SW846, SW-846, SW-846, SW-846, SAMPLE NUMBE	8015 8020 R: L2397-4 8015 8020 R: L2397-4 8020 R: L2397-4 R: L2397-5	12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 12/13/95 00:00 47	12/27/95 12/19/95 12/27/95 FRIP BLANK 12/27/95 12/19/95 12/27/95 715-0 12/28/95 12/22/95 12/22/95	MATRIX: Aqueous 12/27/95 14:48 12/19/95 16:55 12/27/95 14:48 MATRIX: Aqueous 12/27/95 16:48 12/19/95 16:16 12/27/95 16:48 MATRIX: Soil 12/28/95 02:49 12/22/95 13:41 12/22/95 13:41	

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

METHOD	COLLECTED	PREPARE	D ANALYZED
SW846 8015M	12/14/95 08:05	12/21/95	12/21/95 11:22
SW-846, 8020	12/14/95 08:05	12/21/95	12/21/95 11:22
SAMPLE NUMBER: L2397	-51 CLIENT ID:	F15-14	MATRIX:Soil
SAMPLE NUMBER: L2397	-52 CLIENT ID:	F16-0	MATRIX: Soil
SW846, 8240	12/14/95 08:25	12/28/95	12/28/95 16:32
SW846 8015M	12/14/95 08:25	12/26/95	12/26/95 10:59
SW-846, 8020	12/14/95 08:25	12/26/95	12/26/95 10:59
SAMPLE NUMBER: L2397	-53 CLIENT ID:	F16-4	MATRIX:Soil
SW846, 8240	12/14/95 08:30	12/28/95	12/28/95 00:52
SW846 8015M	12/14/95 08:30	12/21/95	12/21/95 20:50
SW-846, 8020	12/14/95 08:30	12/21/95	12/21/95 20:50
SAMPLE NUMBER: L2397	-54 CLIENT ID: 1	F16-9	MATRIX:Soil
SAMPLE NUMBER: L2397 SAMPLE NUMBER: L2397	55 CLIENT ID: 1	F16-14	MATRIX:Soil
SAMPLE NUMBER: L2397	55 CLIENT ID: 1	F16-14	MATRIX:Soil
SAMPLE NUMBER: L2397	55 CLIENT ID: 1	F16-14	MATRIX:Soil
SAMPLE NUMBER: L2397 SAMPLE NUMBER: L2397 SW846, 8240 SW846 8015M	55 CLIENT ID: 1 56 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55	F16-14 F17-0 12/27/95 12/26/95	MATRIX:Soil MATRIX:Soil 12/27/95 23:34 12/26/95 11:38
SAMPLE NUMBER: L2397 SAMPLE NUMBER: L2397 SW846, 8240	55 CLIENT ID: 1 56 CLIENT ID: 1 12/14/95 08:55	F16-14 F17-0 12/27/95	MATRIX:Soil MATRIX:Soil 12/27/95 23:34
SAMPLE NUMBER: L2397 SAMPLE NUMBER: L2397 SW846, 8240 SW846 8015M SW-846, 8020	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55	F16-14 F17-0 12/27/95 12/26/95 12/26/95	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38
SAMPLE NUMBER: L2397 SAMPLE NUMBER: L2397 SW846, 8240 SW846 8015M	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 12/14/95 18:55	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38
SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8015M SW-846, 8020 SAMPLE NUMBER: L2397 SAMPLE NUMBER: L2397	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 57 CLIENT ID: 1 58 CLIENT ID: 1	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4 F20-0	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38 MATRIX:Soil MATRIX:Soil
SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8015M SW-846, 8020 SAMPLE NUMBER: L2397	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 12/14/95 18:55	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38 MATRIX:Soil
SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8015M SW-846, 8020 SAMPLE NUMBER: L2397 SW846, 8240	CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 57 CLIENT ID: 1 58 CLIENT ID: 1 12/14/95 10:35	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4 F20-0 12/28/95	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38 MATRIX:Soil MATRIX:Soil 12/28/95 15:54
SAMPLE NUMBER: L2397 SW846, 8240 SW846 8015M SW-846, 8020 SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8240 SW846 8015M SW-846, 8020	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 12/14/95 10:35 12/14/95 10:35 12/14/95 10:35 12/14/95 10:35	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4 F20-0 12/28/95 12/26/95 12/26/95	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38 MATRIX:Soil MATRIX:Soil 12/28/95 15:54 12/26/95 13:37
SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8020 SAMPLE NUMBER: L2397 SW846, 8020 SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8015M SW-846, 8020 SAMPLE NUMBER: L2397	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 57 CLIENT ID: 1 12/14/95 10:35 12/14/95 10:35 12/14/95 10:35 12/14/95 10:35 12/14/95 10:35	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4 F20-0 12/28/95 12/26/95 12/26/95	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38 MATRIX:Soil MATRIX:Soil 12/28/95 15:54 12/26/95 13:37 12/26/95 13:37 MATRIX:Soil
SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8015M SW-846, 8020 SAMPLE NUMBER: L2397 SW846, 8240 SW846, 8240 SW846, 8015M	55 CLIENT ID: 1 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 12/14/95 08:55 CLIENT ID: 1 12/14/95 10:35 12/14/95 10:35 12/14/95 10:35	F16-14 F17-0 12/27/95 12/26/95 12/26/95 F17-4 F20-0 12/28/95 12/26/95 12/26/95	MATRIX:Soil 12/27/95 23:34 12/26/95 11:38 12/26/95 11:38 MATRIX:Soil MATRIX:Soil 12/28/95 15:54 12/26/95 13:37 12/26/95 13:37

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

METHOD COLLECTED PREPARED ANALYZED
SAMPLE NUMBER: L2397-60 CLIENT ID: F20-9 MATRIX:Soil
SAMPLE NUMBER: L2397-61 CLIENT ID: F20-14 MATRIX:Soil
SAMPLE NUMBER: L2397-62 CLIENT ID: F12-0 MATRIX:Soil
SAMPLE NUMBER: L2397-63 CLIENT ID: F12-4 MATRIX:Soil
SAMPLE NUMBER: L2397-64 CLIENT ID: F12-9 MATRIX:Soil
SAMPLE NUMBER: L2397-65 CLIENT ID: F12-14 MATRIX:Soil
SAMPLE NUMBER: L2397-66 CLIENT ID: F13-0 MATRIX:Soil
SAMPLE NUMBER: L2397-67 CLIENT ID: F13-4 MATRIX:Soil
SAMPLE NUMBER: L2397-68 CLIENT ID: F13-9 MATRIX:Soil
SAMPLE NUMBER: L2397-69 CLIENT ID: F13-14 MATRIX:Soil
SAMPLE NUMBER: L2397-70 CLIENT ID: F14-0 MATRIX:Soil
SAMPLE NUMBER: L2397-71 CLIENT ID: F14-4 MATRIX:Soil
SAMPLE NUMBER: L2397-72 CLIENT ID: F14-9 MATRIX:Soil
SAMPLE NUMBER: L2397-73 CLIENT ID: F14-14 MATRIX:Soil
SAMPLE NUMBER: L2397-74 CLIENT ID: F21-0 MATRIX:Soil

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

METHOD	COLLECTED	PREPARE	ED ANALYZED
SAMPLE NUMBER: L2397-7	5 CLIENT ID:	F21-4	MATRIX:Soil
SAMPLE NUMBER: L2397-70	6 CLIENT ID:	F21-9	MATRIX: Soil
SAMPLE NUMBER: L2397-7	7 CLIENT ID:	F17-9	MATRIX:Soil
SAMPLE NUMBER: L2397-78	CLIENT ID;	F17-14	MATRIX:Soil
SAMPLE NUMBER: L2397-79	CLIENT ID:	F18-0	MATRIX:Soil
SW846, 8240 SW846 8015M SW-846, 8020	12/14/95 09:32 12/14/95 09:32 12/14/95 09:32	12/28/95 12/26/95 12/26/95	12/28/95 17:12 12/26/95 12:18 12/26/95 12:18
SAMPLE NUMBER: L2397-80	CLIENT ID:	F18-4	MATRIX:Soil
SAMPLE NUMBER: L2397-81	CLIENT ID:	F18-9	MATRIX:Soil
SW846, 8240 SW846 8015M SW-846, 8020	12/14/95 09:40 12/14/95 09:40 12/14/95 09:40	12/28/95 12/21/95 12/21/95	12/28/95 04:45 12/21/95 16:46 12/21/95 16:46
SAMPLE NUMBER: L2397-82	CLIENT ID: 1	F18-14	MATRIX:Soil
SAMPLE NUMBER: L2397-83	CLIENT ID: 1	719-0	MATRIX:Soil
SW846, 8240 SW846 8015M SW-846, 8020	12/14/95 10:35 12/14/95 10:35 12/14/95 10:35	12/28/95 12/26/95 12/26/95	12/28/95 04:06 12/26/95 12:58 12/26/95 12:58
SAMPLE NUMBER: L2397-84	CLIENT ID: 1	19-4	MATRIX:Soil
SAMPLE NUMBER: L2397-85	CLIENT ID: 1	719-9	MATRIX:Soil
SAMPLE NUMBER: L2397-86	CLIENT ID: F	19-14	MATRIX:Soil

Company Name: Haz-waste Technologies Corp. Project: BANG FUELING AREA

МЕТНОD	COLLECTED	PREPARE	D ANALYZED
SAMPLE NUMBER: L2397-	87 CLIENT ID:	F21-14	MATRIX:Soil
	on in a in each an in the state of each and the state of		WATRIA.SOII
SAMPLE NUMBER: L2397-	88 CLIENT ID:	951214-01	MATRIX: Aqueous
SW846, 8015	12/14/95 10:35	12/28/95	12/28/95 15:34
SW8240	12/14/95 10:35	12/21/95	12/21/95 13:01
SW-846, 8020	12/14/95 10:35	12/28/95	12/28/95 15:34
SAMPLE NUMBER: L2397-	89 CLIENT ID:	951214-02	MATRIX: Aqueous
SW846, 8015	12/14/95 10:35	12/28/95	12/28/95 16:11
SW8240	12/14/95 10:35	12/21/95	12/21/95 13:41
SW-846, 8020	12/14/95 10:35	12/28/95	12/28/95 16:11
SAMPLE NUMBER: 1.2397-	90 CLIENT ID:	951214-03	MATRIX: Aqueous
SW846, 8015	12/14/95 14:25	12/27/95	12/27/95 16:08
SW8240	12/14/95 14:25	12/21/95	12/21/95 14:22
SW-846, 8020	12/14/95 14:25	12/27/95	12/27/95 16:08
SAMPLE NUMBER: 1.2397-9	OI CLIENT ID:	951214-1 DW	MATRIX:Soil
SAMPLE NUMBER: L2397-9	O2 CLIENT ID: 1	BG	MATRIX:Soil
SW846, 8240	12/14/95 07:45	12/28/95	12/28/05 02 27
SW846 8015M	12/14/95 07:45	12/28/95	12/28/95 03:27
SW-846, 8020	12/14/95 07:45	12/21/95	12/21/95 21:31 12/21/95 21:31
·			12/21/95 21:31
SAMPLE NUMBER: L2397-9	3 CLIENT ID: 7	TRIP BLANK	MATRIX: Aqueous
SW846, 8015	12/14/95 00:00	12/27/95	12/27/95 17:29
SW8240	12/14/95 00:00	12/21/95	12/21/95 12:20
SW-846, 8020	12/14/95 00:00	12/27/95	12/27/95 17:29

Haz Waste Technologies^{ea} Corporation 2995 Center Green Court South Boulder, CO 80301

CHAIN OF CUSTODY RECORD

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	FUEL ING AREA	(Signature)	,		Decon Berik	LOCATION 1 O . 2 FT DEPIN	LOCKNICA 1 4-6 FT DEPTH	LOCATION 1 9-11 FT DEPTH	LOCATION 14-16 A DEPTH	WOLMING 2 0-2 FF DEMN	LOURTION 2 4-6 FT DEPTH	LOCKFILD 2 9-11 FT DEPTH	LOCATION 2 14-16 FT DEPTH	MON 3 0-2 F DEM	Received by: Name: Same Dingers Signature: Down Aurogen Company: Hynynfrod 19.46.	Received by; Name: Signature: Company:	
	BUCKLEY ANG BAUT F	S) Male ?		Comp Grab Description of Location	×	×	×	×	×	×	X	X	×	10 X Lacktion	12/15/95	Date/Time	iber P9512 15-01
Project No. Project	Bucke	Samplers:(Name) Eric Marcer	ASUL WARE	Sample Date Time	75/213-01 12/15/95 08:32	FI. 0 14/5/95 DR:40	FI-4 12/13/55 OFFE	F1-9 13/13/95 OP:56	F1-14 17/18/07:05	Fire 14/3/95 OUR	F2.4 12/11/95 09:25	Fix-4 12/11/95 Ov: 30	Fx-14 12/8/93 0935	F3-0 17/8/95 09:40	Relinquished by: Name: Ease Marier Signature:	Relinquished by: Name: Signature: Company:	HWT Purchase Order Number らのましている

2995 Center Green Court South Fax 303.44 Boulder, CO 80301

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CHAIN OF CUSTODY RECORD

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Sample Number	Date	Time	Сотр	Grab	Comp Grab Description of Location		No. of Cont.	אס דעור	STANDARD TIA
F3-4	17/3/45	Sh:60 sh/8/2!		×	LOCATION 3 4-	4-6 FT DEPH	X X	X	
F3-9	56/81/1	04:50		×	Larrion 3 9-	9-11 FT DEPTH			Hold
1-5-14	5b/c/h1	35:40		×	LOCATION 3 14.	14-16 FI DEPTH			HOLD
64-0	12/13/45 10:10	0:0		×	(SX:ATION 4 0-2	.२ ६७ हि.मा	XX	×	
1000									
4-43	11/3/85 10:15	5):00		×	LOCATION 4	4-6 fr DEFTH	(X X)	×	
F.4- 0	C7:01 56/11/11	C7:0		×		9-11 FT DEPTH	_		Holb
41-43	12/13/45 10:25	(0:15		×	LOCATION 4 14	14-16 FT DOPTH			Hard
FS-0	05.01 Sb/81/11	0:50		メ	LOCATION 5 C	O-l F Depa	1 X X	×	
FS-4	17(1)/s 10.35	lo:35		X	LOCATION S 4	4-6 FT DEPTH	× ×	X	
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Relinquished by: Name: Signature:	d by:			Date	Date/Time Received by: Name: Signature:		Means of Delivery:		Remarks:
Company: HWT Purchase Order Number	ase Order	r Number	+ ;	,	Company:				
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Rev. 1 08/18/94

HazWaste lechnologies® Corporation 2995 Center Green Court South Boulder, CO 80301

CHAIN OF CUSTODY RECORD

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roject Buckley ANG BASE F	(Signa		Comp Grab Description of Location	X LOCATION	X Location	X LOCATION	X Location	X Location	> Loranos X	X LOCATION 7	X COCATION		X Location 7	Date/Time		Date/Time		10-51218	
Project Buckley	ame)	3	Time	14/14/48 10:40	1418/45 10:45	13:11	12:20	95 B:25	15/15/15 15:30	13:25	5 13:30		15/62 (3:35	MARIER	nax			der Number	
Project No. Project Sycke	Samplers:(Name) Eace Marter	ASEL WARRY	Sample Date Number	F5.9 14/14	F5-14 14/3/	F6-13 (2/13/	F6-4 10/8/	F6-9 14/1/95	FR-14 178/		F-7-4 17/9/95	E. 1.3	16/41 6-1.3	Relinquished by:	Signature: Signature: Company: AUJ	Relinquished by: Name:	Signature: Company:	HWT Purchase Order Number Prof.	

2995 Center Green Court South Boulder, CO 80301

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Project No. Project			ANALYSIS REQUIRED	COMMENTS
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Samplers:(Name)	(Sign	(Signature)	()	
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Sample Date Time Number	Comp Grab Description of Location		No. of TVFH Vo. ATIL	Stavones T/A
F7-14 14/1/46 1340	X LOCATION 7	NJ 14-16 57 DEMIN		HOLD
F.F. Q 12/18/95 15:45	X LOCATION &			Kard
F.E. 4 141/95 1950	X LOCATION 8	4-4-8- et DEPTH		HOLD
F. 9 17/3/95 15:55	X LOCATION 8	ON 8 9-11 FT DEPTH		HOLD
(f. 14 h/1/45 16:00	X LOCATION &	0-18 H-16 FT DEPTH		Had
69-0 (40/98 14:40	X Location 9	ion 9 10-2 ft JEPAN	× × × -	
FG-4 12/19/45 14:45	X Laughor	and 4-6 FT DEDTH		HOLD
Fq- (1 1/4/4K H:50	X Location 9	an 9 9-11 FT DEPTH		4704
FG-14 1418/45 14:55	اللاء معلاً /	LOCATION 9 14- LOCATION 9	×××	
8-0-8 18/13/95 14:55	X LOCATION 10		× × × ~	
Relinquished by:	Date/Time		Means of Delivery:	Remarks:
Signature: Company:	17:05	Signature: 2012 Dunges	PERJOHAL DELWERY	
uished	Date/Time	/ /: / pi	Means of Delivery:	Remarks:
Name: Signature:		Name: Signeture:		
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HWT Purchase Order Number P45 12/5-0	451215-01			

Haz-Waste Technologies[®] Corporation 2995 Center Green Court South Boulder, CO 80301 Fax 303-440-5731

CHAIN OF CUSTODY RECORD

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STAUDARD THA COMMENTS HOLD GOLD YON TRO DAG Remarks: Remarks: ANALYSIS REQUIRED Personny DuringA (2005) (22,46) (2000) × \times Means of Delivery: Means of Delivery: <u>×</u> HAVT KICK (6957) 451705 No. of Cont. 2 O-2 FT DEPTH 4-6 FY DEPTN Name: Fine Dinges Signature: And Dunger 9-11 FT DEPTH 9-11 FT DEPTN DEPTH 4-6 Fr DEPTIN 14-16 FT DEPTH 14-16 PT BUCKLEY ANG BASE FUELLING AREA Received by: Received by: Company: 7 Signature: Company: Comp Grab Description of Location LOCATION 10 Name: X (SCATION 1) LOCATION TO LOCATION ! LOCATION 17 DECON BLANK LOCATION ! (Signature) [ACATION !] TRIP BLANK Date/Time 17/5/45 Date/Time HWT Purchase Order Number 9951215-01 17:05 ~ >12/13/45 14:55 1/13/48 14:58 00:31 Sb/E1/L1 02-31 36/8/1 Time Project No. Project 1/13/95 15:03 15.0 2/13/45 |SEIS Name: ERIC MARIER ASUL WARRY Signature: C: 126 ERIC MARIEL Samplers:(Name) 17/1/45 151213-02 1/13/95 Date Relinquished by: Relinquished by: Company: Signature: Company: Trip Begulk 11004 611-14 3.01 6.0) Sample Number 6-11-3 0-11 アーに Name:

Rev. 1 08/18/9

2995 Center Green Court South Boulder, CO 80301

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CHAIN OF CUSTODY RECORD

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HazWaste Technologies® Corporation

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Back Sprag	SARAZ				}				Y)	رن د			
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Sample Number	Date	Time C	omp Gr	Comp Grab Description of Location	of Location			No. of Cont.	378 9VT	Nork		STAMBBAD TIA	
F15-0	12/4/95	144/95 07:55	×	LOCATION IS	51 N	0-2 FT DEPTH	DEPTH)	XXX	×			
F15.4	CO: BO 34/14/21	୯୭:ଜୁନ	×	Le CATION 15	N 15	4-6 ft	DEPTH	_				HOLD	
F15-9	12/4/4 OB: 35	ુ કું કું	×	(Lacoption 15	5) ر	9-11 Fr 1	DEPTH	_	× × ×	×			
41-513	M4/45 08:10	C):40	X		1 15	1391-61	DESTA	_				HOLD	+
F16-0	14/42	52:30 Sb/H/1	×	LOCATION 16	9) 7	0-2 FF DEPIN	DEPTH		×	×			
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4-914	56:80 Sb/4/41	S€:38	\times	LOCATION 16	3 16	9-11 et 1	DEPTH					HOLD	1
F16-14	12/4/de 08:40	CF: 40	×	(LOCATION 16	9/ 0	14-16 er 0	DEPTH	ì	X	×			
- F17-0	14/95 OB: 55	OF: 55	X	LOCATION 17	7 7	0-243	FT JEPTH	_	×	×			
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Name: Signature: Company:					Name: Signature: Company:			•					
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Rev. 1 08/18/94

Haz Waste Technologies⁴⁴⁵ Corporation 2995 Center Green Court South Boulder, CO 80301 Fax 303-440-5731

CHAIN OF CUSTODY RECORD

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HazWaste Technologies® Corporation

UIRED COMMENTS					STEWARD TO	HALD	Abro		HOLD		Harp		Axo	Hou	Q754	Remarks:		Remarks:			
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	CLING AREA	re)			ocation	17 9-11 ASTA	17 14-16 ET DENTH	18 0-24 DEPTH	18 4-6 et DUTA	18 9-11 FT DOTH	18 14-16 FT DENTA	9 0-2 FI DEPTH	19 4-6 FT DEPTIV	19 9.11 Fr De174	19 14-16 FT DEFTH	Received by:	Name: Satte Diffees Signature: Cora Lorges Company: Horosofor, 1975	q p	name: Signature:	Company:	
	BUCKEY ANG BATE - FLECING AREA	(Signature)			Comp Grab Description of Locution	X LOCATION	X Location	1 Location	X LOCATION	X Location	X LOCATION	MUSCATION X	X Location A	X LOCATION 19	Placemen /		17:05 Si	Date/Time Re	Si		HS (10.5.0)
Project No. Project	BUCKEY	S:(Name)	SARAL SARAL	•	Date Time Con	14/4/65 OPOS	12/11/42 Od: 10	12/4/46 09:32	144/ar 09:35	12/4/95 09: 40	17/4/de 04:45	17/4/45 10:30	17/4/ds (0:05	17/1/de 10110	17/4/48 10:15	(by:	Signature: 7. 126	t by:		W. W	HWI Furchase Order Number
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CHAIN OF CUSTODY RECORD

HazWaste Technologies" Corporation

Project No.	_	Project				<			ANA	ANALYSIS REQUIRED	UIRED	COMMENTS
!	∞	BUCKLEY ANG BASE	527	5Ase		FUELING MARA			_	-25		
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A suld	Asuld WARAL											
Sample Number	Date	Time (Сотр Б	irab L	Comp Grab Description of Location	f Location		No. of Cont.	%T & ₩VT			STRUBBARD T/A
Fig	34/1/21	1										
F20-0	1/4/45 10:35	(0:3r		×	LOCATION 20	20	0-2 ft Detry	/	×	×		
F20-4	1741/ss 10:40	0:40)	LOCATION 20	R	4-6 FT PEPTH	_	X	×		
F23-9	14/68 (5:4K	क्रि:६		7	locknips 20	20	9-11 FT DEPTH)				Harp
F20-14	13/4/65 10:50	05:0)		7 ×	LOCATION 20		14-16 FT DEPTH	_				Horo
6150	My fac 12:40	17:40		7 ×	LOGATION	5	O-2 or Dupth	-				Horp
4774	14/14/68	12:45		<u> </u>	LOCATION	12	4-6 FT DEPTH					AJOH
F12-9	26/61/21	(7:2)		χ	LOCATION 12	5	9-11 or DEPTH	~	τ			Halb
F12-14	174/95 18.55	12,55	,	7 X	LOCATION 12		14-16 ET DEPTH	_				HOLD
V F13-0	14/4/95	13:03	×	7)	bannon 13	13	O-2 ft Depth	_				Harb
Relinquished by: Name: East Marcer Signature:	March March	3 1	1	Date/Tim 2/15/45 7:05	ð	Received by: Name: Jan Signature: A Company: 75	e Dingers	Means of Delivery: PLRS IND DELIVERY	of Delive	iry: Jelivery		Remarks:
Relinquished by: Name: Signature:	t by:			Date/Time	ïme	Received by: Name: Signature:		Means of Delivery:	f Delive	ry:		Remarks:
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Rev. 1 08/18/94

Haz Waste Technologies⁽¹¹⁾ Corporation 2995 Center Green Court South Boulder, CO 80301 Fax 303-440-5731

CHAIN OF CUSTODY RECORD

D COMMENTS			STANDARD TIA	HOLD	Hard	Horb	Horo	(Jack)	HOLD	How	HOLD	Had	a76/	Remarks:		Remarks:			
ANALYSIS REQUIRED	8 C. D. M. C.	1	No. of 1411 Cont. 1411											Means of Delivery:	PLANSIAN DELINARY	4 -			
FUELING AREA	(Signature)		n of Location	ow 13 4-6 fr 12617H	an 13 9-11 FT DEPTH	21 13 14-16 FT DEPTH	w 14 0-2 FT DRIFTA	an 14 4-6 FI DEPTH	LOCATION 14 9-11 FT DEPTH	LOCATION 14 14-16 FT DEPTIN	LOCATION 21 0-2 FT DEPTH	COCATION 21 4-6 FT DEPTH	LOCATION 21 9-11 FT DEITH	Received by:	Signature: Chora Chorages Company: 11 Stanton	d by:	Name: Signature:	+	
Project Buckles ANG BASE	(Sign		Comp Grab Description of Location	X LOCATION (3	X Location 13	1 (Cocomon 13	X LACATION 14	X Location 14	×	X Locan	X Bocom	X Leca	~	Date/Time	12/08/95	Date/Time		HWT Purchase Order Number Parks 04(1215.5)	
Project No. Project Suck	Samplers:(Name) ERIC MALLEL	ASUN WARAL	Date Time	12/4/95 1):05	12/14/65 13:10	17/14/95 13:15	4:El 30/10/1	17#/98 13: 25	12/11/45 15.20	17/4/95 13.35	1414/ac 14:10	17c1/9x 14:25	12/14/45 17:30	Relinquished by:	10 - 10 mm	hed by:	1: ::	chase Order Numbs	
Projec	Sampli ERIC	ASVE	Sample Number	F13-4	F13-9	F13-14	614-0	1-114	6-4-9	F14-14	F31-0	F.21-4	F2129	Relinquished by:	Signature: Company:	Relinquished by:	Signature:	HWT Pur	

2995 Center Green Court South Boulder, CO 80301

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Means of Delivery: Remarks: Remarks: Remarks: Remarks:
Means of Delivery:
Means of Delivery: (2-15-45: 1725 Means of Delivery:

QC DATA PACKAGE

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5333-1 Site / Project ID: Not Reported

Run ID: R2752

Collection Date: Not Reported Received Date: 08-JAN-96 Report Date: 08-JAN-96

Analyte	CAS No.	Dit	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 13:31							
Workgroup Number: WG5333							
Acetone	67-64-1	1	ND	ug/L	Ū	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	Ü	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	Ū	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	Ü	.5	5
Benzene	71-43-2	1	ND.	ug/L	Ū	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	Ü	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1 🖓	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1 🖑	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	u	.5	10
Chloroform	67-66-3	1 🐉	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1 350	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	บ	2.1	5
1,1-Dichloroethene	75-35-4	1 👯	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1 5,555	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	Ü	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	Ü	.51	5
cis-1,3-Dichloropropene	10061-01-5	1 3	ND	ug/L	U	.78	5

Review By: Ty Garber Report Approved By: Randy Greaves

- Method Reporting Limit

b9512191

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

⁻ Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5333-1

Site / Project ID: Not Reported

Run ID: R2752

Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND:	ug/L	U	.55	
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1	ND	ug/L	Ü	.5	
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	
Isobutyl alcohol	78-83-1	. 1	ND	ug/L	U	.5	10
Methacrylonitrile	126-98-7	1	ND	ug/L	υ	.5	10
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	
Pentachloroethane	76-01-7	1	ND	ug/L	ប	.5	
Propionitrile	107-12-0	1	ND	ug/L	U	.5	1
Styrene	100-42-5	1	ND	ug/L	U	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	
Toluene	108-88-3	1	ND	ug/L	υ	.85	
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	ΰ	1.2	
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	
1,2,3-Trichloropropane	96-18-4	1	ND ND	ug/L	U .	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	
Vinyl chloride	75-01-4	1	ND	ug/L	ט	.47	
Xylene (Total)	1330-20-7	1	ND	ug/L	ט	.5	
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	90	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5334-1 Site / Project ID: Not Reported

Run ID: R2856

Collection Date: Not Reported Received Date: 08-JAN-96 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240	Pilotetro, oktobrometrok						
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 10:17							
Workgroup Number: WG5334							
Acetone	67-64-1	- 1958) 1	ND		61	2017 (2022년 - 11 12일 - 22년) 1803년 - 12일 -	
Acetonitrile	75-05-8	1	ND ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U U	.5	100
Acrylonitrile	107-13-1	1	ND ND	ug/L	U	.5 -	100
Allyl chloride	107-05-1	1	ND	ug/L	역 : 14일 : [[[[[[[[[[[[[[[[[[.5	100
Benzene	71-43-2	1	ND	ug/L	U	.5	- 5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.39	5
Bromodichloromethane	75-27-4	1	ND ND	ug/L	U	.5	100
Bromoform	75-25-2	1	ND ND	ug/L	U	.64	5
Bromomethane	74-83-9	1	ND ND	ug/L	U	.47	5
2-Butanone	78-93-3	1	THE CONTRACT OF STREET AND A STREET	ug/L	U	.49	10
Carbon disulfide	75-15-0	1	ND US	ug/L	Ü	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	.5	100
Chlorobenzene	108-90-7	1	ND ND	ug/L	U	1.4	5
Chlorodibromomethane	124-48-1	1		ug/L	U	.44	
Chloroethane	75-00-3	1	ND	ug/L	U	.5	5
2-Chloroethyl vinyl ether	110-75-8	1	ND	.ug/L	U	.54	10
Chloroform	67-66-3	1	ND	ug/L	U	.5	10
Chloromethane	74-87-3	1	ND	ug/L	Ü	1.4	5
Chloroprene	126-99-8	1	ND	ug/L	U	2	10
1,2-Dibromo-3-chloropropane	96-12-8	1	ND ND	ug/L	Ü	.5	5
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.61	100
Dibromomethane	74-95-3	1	ND	ug/L	บ	.5	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	0	1.4	5
Dichlorodifluoromethane		1	ND	ug/L	U	.5	100
1,1-Dichloroethane	75-71-8	1	ND	ug/L	บ	.43	10
1,2-Dichloroethane	75-35-3	П	ND	ug/L	U	1.7	5
-	107-06-2	. 1	ND ND	ug/L	Ü	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	Ü	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	Ü	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	. 5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	

Review By: Ty Garber Report Approved By: Randy Greaves

a9512211

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL

⁻ Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5334-1
Site / Project ID: Not Reported
Run ID: R2856

Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

							1.111114
trans-1,3-Dichloropropene	10061-02-6	1	ND.	ug/L	U	.55	
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1	ND ND	ug/L	U	-5	的的对抗
2-Hexanone	591-78-6	1	ND	ug/L	U	-5	5
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	10
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	1.0
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	υ	.5	5
Pentachloroethane	76-01-7	1	ND	ug/L	Ü	.5	1
Propionitrile	107-12-0	1	ND	ug/L	U	.5	10
Styrene	100-42-5	1	ND	ug/L	U	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND ND	ug/L	U	.63	
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	
Toluene	108-88-3	1	ND	ug/L	U	.85	
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	
Trichloroethene	79-01-6	1	ND	ug/L	Ú	.42	
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	
Dibromofluoromethane	SURROGATE	1	91	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

vba9512211

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5336-1 Site / Project ID: Not Reported

> Run ID: R2908

Collection Date: Not Reported Received Date: 08-JAN-96 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 19:39						보이다면서 무료하게 되었다. 지하시아하다는 사람들은 10	
Workgroup Number: WG5336							
Acetone	67-64-1	1	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	Ū	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	Ü	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	Ū	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	Ú	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	Ū	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	Ü	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	Ü	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	Ü	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	Ü	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	Ū	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1 🖇	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	Ü	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	Ū	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	Ü	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	Ü	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1 3	ND	ug/Kg	Ü	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	Ü	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ŇĎ	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1 (ND	ug/Kg	U	.85	5

Review By: Ty Garber Report Approved By: Randy Greaves

bb9512272

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL

⁻ Method Reporting Limit

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5336-1
Site / Project ID: Not Reported
Run ID: R2908

Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg ug/Kg	Ü	1.2	
Trichloroethene	79-01-6	1	ND	ug/Kg	Ü	.42	
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	ยั		Name of
Vinyl chloride	75-01-4	1	ND	ug/Kg	Ü	.47	
Xylene (Total)	1330-20-7	1	ND	ug/Kg	Ü	.5	
Dibromofluoromethane	SURROGATE	1	103	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	86	%			
VOAs by GC/MS Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 19:39			나는 사람이 없는데 없었다.				
Workgroup Number: WG5336							
Benzene	71-43-2	.c/33 1	ND	ug/Kg	Ü	.39	
Chlorobenzene	108-90-7	1	ND ND	ug/Kg ug/Kg	ď	.44	
1,1-Dichloroethene	75-35-4	1	ND ND	ug/Kg	U	.48	Hi.
Toluene	108-88-3	1	ND	ug/Kg	Ü	.85	100
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	
Dibromofluoromethane	SURROGATE	1	103	%			
Toluene-d8	SURROGATE	1	95	%			T. HA
4-Bromofluorobenzene	SURROGATE	1	86	%		1 3 4 4 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
				i Mika Prangeliji in 1966. Bera danahan Pala Juan			
			선택하셨는데, 문편한 시작성이다.			Charles British by	

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5337-1 Site / Project ID: Not Reported Run ID: R2908 Collection Date: Not Reported Received Date: 08-JAN-96

Report Date: 08-JAN-96

Analyte	CAS No.	Dil S	ample Conc.	Units	Qual	MDL	RL
SW846 Method 8240	Sala ker andressa se anadasa : ana	40 2006 SAN					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 13:18							
Workgroup Number: WG5337							
	67-64-1						
Acetone		1 :	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1 180	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1 2515	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1 🐘	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	-49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1 1	ND	ug/Kg	บ	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND .	ug/Kg	U	-5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vînyl ether	110- 7 5 - 8	1	ND	ug/Kg	Ü	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541 <i>-7</i> 3-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	- 5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	Ü	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1 (1)	ND	ug/Kg	Ü	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	Ū	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	Ü	.5	50
Styrene	100-42-5	1	ND	ug/Kg	Ū	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	Ü	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	Ü	.49	5
Toluene .	108-88-3	1	ND	ug/Kg	Ū	.85	5

Review By: Ty Garber Report Approved By: Randy Greaves

bb9512281

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL

⁻ Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank

Project Number: Not Reported

Sample ID: WG5337-1

Site / Project ID: Not Reported

Run ID: R2908

Collection Date: Not Reported

Received Date: 08-JAN-96

Report Date: 08-JAN-96

Analyte	CAS No.	Dil !	Sample Conc.	Units	Qual	MDL	RL
		4					
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	Ü	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1 💮	ND	ug/Kg	U	.5	5
Dibromofluoromethane	SURROGATE	1	95	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	88	%			
				속에 되지도 경쟁하다 작용하는 본 회		AL OF A TRACT	

Review By: Ty Garber

Report Approved By: Randy Greaves

- U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL

⁻ Method Reporting Limit

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5338-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported

Received Date: 08-JAN-96 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 22:17							
Workgroup Number: WG5338							
Acetone	67-64-1	1	ND	ug/Kg	Ü	.5	100
Benzene	71-43-2	1	ND	ug/Kg	Ü	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	Ŭ	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	Ü	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	Ŭ	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	Ü	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	Ü	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	Ü	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	บ	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	Ü	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	Ü	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	Ĵ <u>5</u>	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	Ü	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	Ü	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	Ü	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	0	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	Ü	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	ט	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND -	ug/Kg	ט	.5	50
Styrene	100-42-5	1	ND	ug/Kg	Ū	-72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	Ū	-63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	Ū	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber Report Approved By: Randy Greaves

bb9512261

ND

Qual

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5338-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported

Received Date: 08-JAN-96 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	1,149
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	
Vinyl chloride	75-01-4	1	ND	ug/Kg	Ú	.47	
Xylene (Total)	1330-20-7	1 8	ND	ug/Kg	U	.5	
Dibromofluoromethane	SURROGATE	1 3	97	%			
Toluene-d8	SURROGATE	1	94	%			
/ = (1)	SURROGATE	1	81	%			
4-Bromofluorobenzene /OAs by GC/MS Preparation Date: 26-DEC-95 Analysis Date: 26-DEC-95 22:17							
/OAs by GC/MS Preparation Date: 26-DEC-95							
OAs by GC/MS reparation Date: 26-DEC-95 nalysis Date: 26-DEC-95 22:17	71-43-2		N D	ug/Kg	U	.39	
OAs by GC/MS reparation Date: 26-DEC-95 nalysis Date: 26-DEC-95 22:17 orkgroup Number: WG5338	71-43-2 108-90-7	1			U. U	.39 .44	
OAs by GC/MS reparation Date: 26-DEC-95 nalysis Date: 26-DEC-95 22:17 orkgroup Number: WG5338 Benzene	71-43-2 108-90-7 75-35-4	1 1	N D	ug/Kg		String Time to the transfer of the second	
OAs by GC/MS reparation Date: 26-DEC-95 nalysis Date: 26-DEC-95 22:17 orkgroup Number: WG5338 Benzene Chlorobenzene 1,1-Dichloroethene Toluene	71-43-2 108-90-7 75-35-4 108-88-3	1 1 1 1	ND ND	ug/Kg ug/Kg	U	.44	
OAs by GC/MS reparation Date: 26-DEC-95 nalysis Date: 26-DEC-95 22:17 lorkgroup Number: WG5338 Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene	71-43-2 108-90-7 75-35-4	1 1 1 1 1 1	ND ND ND	ug/Kg ug/Kg ug/Kg	U U	.44 .48	
OAs by GC/MS reparation Date: 26-DEC-95 nalysis Date: 26-DEC-95 22:17 lorkgroup Number: WG5338 Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene Dibromofluoromethane	71-43-2 108-90-7 75-35-4 108-88-3 79-01-6 SURROGATE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND ND ND	ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg	ម ម ម	.44 .48 .85	
OAs by GC/MS Preparation Date: 26-DEC-95 Inalysis Date: 26-DEC-95 22:17 Porkgroup Number: WG5338 Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene	71-43-2 108-90-7 75-35-4 108-88-3 79-01-6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND ND ND	ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg	ម ម ម	.44 .48 .85	

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5339-1
Site / Project ID: Not Reported
Run ID: R2912

Collection Date: Not Reported Received Date: 08-JAN-96

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 12:39							
Workgroup Number: WG5339							
Acetone	67-64-1	1	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	Ü	-47	5
Bromomethane	74-83-9	1	ND	ug/Kg	Ú	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	Ū	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	Ū	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	Ú	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	Ú	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	7	ND	ug/Kg	Ü	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	Ü	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	Ü	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	Ü	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	Ü	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	Ū	.5	50
Styrene	100-42-5	1	ND:	ug/Kg	Ü	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	Ü	.85	5

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5339-1 Site / Project ID: Not Reported
Run ID: R2912

Collection Date: Not Reported

Received Date: 08-JAN-96 Report Date: 08-JAN-96

1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	augerra. August
Trichloroethene	79-01-6	1	ND	ug/Kg	Ü	.42	
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	Ü	.5	
Vinyl chloride	75-01-4	1	ND	ug/Kg	Ü	.47	
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	.5	
Dibromofluoromethane	SURROGATE	1	111	%	i di di Tini kwek Tini katani		
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

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⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: Method Blank
Project Number: Not Reported

Sample ID: WG5222-1

Site / Project ID: Not Reported

Run ID: R2806

Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 5030/8015M Preparation Date: 19-DEC-95 Analysis Date: 19-DEC-95 09:31 Workgroup Number: WG5222							
GRO	N/A	1	ND	mg/Kg	U	.05	
Bromofluorobenzene	SURROGATE	1	106	%			
						14.111.141.14 - 1.144 17.441.11	
		.di4 100					
		+ 6 + 9** - 3.					N.J. But
		- 14년 - 17일 - 1					
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		144	화범하시겠습니다(1911년)				

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported

Sample ID: WG5223-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95 Report Date: 22-DEC-95

Analyte	CAS No. Dil	Sample Conc. Units Qual MDL RL
SW846 Method 5030/8015M Preparation Date: 20-DEC-95		
Analysis Date: 20-DEC-95 10:0	9	
Workgroup Number: WG5223		
GRO ·	N/A 1	ND mg/Kg U .05 .1
Bromofluorobenzene	SURROGATE 1	109 %

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit RL

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

Client ID: Method Blank
Project Number: Not Reported

Sample ID: WG5224-1

Site / Project ID: Not Reported

Run ID: R2806

Collection Date: Not Reported
Received Date: 22-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 09:55 Workgroup Number: WG5224							
GRO	N/A	1	ND:	mg/Kg	Ü	- 05	.1
Bromofluorobenzene	SURROGATE	1	108	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank Project Number: Not Reported

Sample ID: WG5225-1 Site / Project ID: Not Reported

Run ID: R2807

Collection Date: Not Reported Received Date: 22-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No. D	il S	ample Conc.	Units	Qual	MDL	F
SW846 Method 5030/8020							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 09:31							
Workgroup Number: WG5225							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	Ü	.079	
Toluene	108-88-3	1	ND	ug/Kg	U	.22	
(m,p)-Xylene	108-38-3	1 99	ND	ug/Kg	บ	.3	
o-Xylene	95-47-6	1 🦠	ND	ug/Kg	U	.1	
4-Bromofluorobenzene	SURROGATE	1	106	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL ND

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank Project Number: Not Reported

Sample ID: WG5226-1 Site / Project ID: Not Reported

Run ID: R2807

Collection Date: Not Reported Received Date: 22-DEC-95

Report Date: 22-DEC-95

	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020		vity y National					
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 10:09							
Horkgroup Number: WG5226							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	, 079	
Toluene	108-88-3	1	ND	ug/Kg	U	.22	
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U .	.3	
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	
4-Bromofluorobenzene	SURROGATE	1	109	%			
			하다. 그 왕조 (일) (대왕보) 회계회				御業的

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5227-1

Site / Project ID: Not Reported

Run ID: R2807

Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

	diganging and a graph and a second and						
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 09:55							
Workgroup Number: WG5227		개시. gi					
Benzene	71-43-2	1	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	ÀTG
Toluene	108-88-3	1 🚉	ND	ug/Kg	Ü	.22	
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	
o-Xylene	95-47-6	1 ().	ND	ug/Kg	U	.1	
4-Bromofluorobenzene	SURROGATE	1 4	108	%			
					Translation of the control of the co		
		81.1					
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Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID:

Method Blank

Project Number:

Not Reported

Sample ID:

WG5240-1

Site / Project ID:

Not Reported

Run ID:

Dil

R2821

Collection Date:
Received Date:

Not Reported 27-DEC-95

Report Date:

27-DEC-95

Analyte

CAS No.

Sample Conc.

Units

lial

MDL

RL

SW846 Method 5030/8015M

Preparation Date: 21-DEC-95

Analysis Date: 21-DEC-95 16:05

Workgroup Number: WG5240

GRO Bromofluorobenzene N/A SURROGATE

1

ND 108 mg/Kg

U

.05

8 %

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

- J = Estimated Concentration, B = Analyte Detected in the Blank

- E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

- Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID:

Method Blank

Project Number:

Not Reported

Sample ID: WG5241-1

Site / Project ID: Not Reported

Run ID: R2821

Collection Date: Not Reported

Received Date: 27-DEC-95

Report Date: 27-DEC-95

CAS No. Dil

Sample Conc.

ND

112

SW846 Method 5030/8015M Preparation Date: 22-DEC-95

Analysis Date: 22-DEC-95 09:42 Workgroup Number: WG5241

GRO Bromofluorobenzene

N/A SURROGATE

mg/Kg %

Units

U.

Qual

.05

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Review By: Ty Garber

Report Approved By: Randy Greaves

Qual

- U = Analyte Not Detected above the Method Detection Limit

- J = Estimated Concentration, B = Analyte Detected in the Blank

- E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5242-1 Site / Project ID: Not Reported Run ID: R2821

Collection Date: Not Reported Received Date: 27-DEC-95 Report Date: 27-DEC-95

Analyte	CAS No. Dil	Sample Conc. Units Qual MDL RL
SW846 Method 5030/8015M Preparation Date: 26-DEC-95 Analysis Date: 26-DEC-95 10:13		
Workgroup Number: WG5242		
GRO	N/A 1	ND mg/Kg U .05 1
Bromofluorobenzene	SURROGATE 1	103 %

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

- Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

Client ID: Method Blank

Project Number: Not Reported Sample ID: WG5244-1

Site / Project ID: Not Reported

Run ID: R2823

Collection Date: Not Reported

Received Date: 27-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No. D	il	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020 Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 16:05 Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	Ü	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	ט	.079	1
Toluene	108-88-3	1	ND	ug/Kg	ט	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	Ü	.1	1
4-Bromofluorobenzene	SURROGATE	1	108	%			

Review By: Ty Garber Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported

Sample ID: WG5246-1
Site / Project ID: Not Reported

Run ID: R2823

Collection Date: Not Reported
Received Date: 27-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
W846 Method 5030/8020							
reparation Date: 22-DEC-95							
nalysis Date: 22-DEC-95 09:42							
orkgroup Number: WG5246							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	υ	.079	*. N
Toluene	108-88-3	1	ND	ug/Kg	ט	.22	
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	Ü	.3	
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	
4-Bromofluorobenzene	SURROGATE	1	112	%			
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		6,41 3,12,1					
		19819 1983					
		1171 1800					
		333				taali se ish di alikisi	

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported
Sample ID: WG5247-1
Site / Project ID: Not Reported

Run ID: R2823

Collection Date: Not Reported Received Date: 27-DEC-95 Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020 Preparation Date: 26-DEC-95 Analysis Date: 26-DEC-95 10:13 Workgroup Number: WG5247							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	Ü	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	4	1
4-Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL ND

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5256-1
Site / Project ID: Not Reported
Run ID: R2839
Collection Date: Not Reported

Received Date: 29-DEC-95 Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95		Strate Strates					
Analysis Date: 27-DEC-95 09:29		dest (Son e Leododdu					
Workgroup Number: WG5256							
Benzene	71-43-2	0 (1935) 1	ND	ug/L	U	.05	•
Ethylbenzene	100-41-4	1	ND	ug/L	Ü	.079	1 1
Toluene	108-88-3	1	ND.	ug/L ug/L	U		40, 100,001, 150,000
(m,p)-Xylene	108-38-3	1	ND ND		U	.22	1
o-Xylene	95-47-6	1	ND	ug/L	000/00 kg 1, 5010 150/15 g 15 g 1666 5	.3	2 1
4-Bromofluorobenzene	SURROGATE	1		ug/L	Ü	_1	1 3
4-Bi olilot tuoi oberizerie	SURRUGATE	II.	105	%			
					나타라네 네 1		
				entela etelektikanetal 🗀	THE WAS PRINTED BY	v 1540-6488881191914948	

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5257-1
Site / Project ID: Not Reported
Run ID: R2839

Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No. Di	l Sample Conc.	Units Qual	MDL RL
SW846 Methods 5030/8020 Preparation Date: 28-DEC-95 Analysis Date: 28-DEC-95 09:36 Workgroup Number: WG5257				
Benzene	71-43-2	1 ND	ug/L Ü	.05 1
Ethylbenzene	100-41-4	1 ND	ug/L U	.079
Toluene	108-88-3	1 ND	ug/L U	.22
(m,p)-Xylene	108-38-3	1 ND	ug/L Ü	.3
o-Xylene	95-47-6	1 ND	ug/L U	21
4-Bromofluorobenzene	SURROGATE	1 100	%	

Review By: Ty Garber Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: Method Blank Project Number: Not Reported Sample ID: WG5258-1 Site / Project ID: Not Reported

Run ID: R2840

Collection Date: Not Reported Received Date: 29-DEC-95 Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015 Mod. Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 09:29 Workgroup Number: WG5258							
GRO	N/A	1	ND	mg/L	U	. 05	.1
Bromofluorobenzene	SURROGATE	1	105	%			
		:					
		it ly Seei					
		53555 1135 5355					
		3000					

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit

> Client ID: Method Blank Project Number: Not Reported Sample ID: WG5259-1 Site / Project ID: Not Reported Run ID: R2840

Collection Date: Not Reported Received Date: 29-DEC-95 Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	
SW846 Method 5030/8015 Mod. Preparation Date: 28-DEC-95 Analysis Date: 28-DEC-95 09:36 Workgroup Number: WG5259							
GRO Hallise 1 Hos 25)	N/A	1	ND	mg/L	Ü	.05	
Bromofluorobenzene	SURROGATE	1	100	//////////////////////////////////////			
	00111001111	•		"			
	,						7. i-ji
		•					
							galación Se edica
			김 회사회의 기업을 다시다.				
							4 3
							apidir am vin

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

					Wor GALP Prepar Ana R	Sample Id: Work Group Id: Run Id: GALP Record Id: Preparation Date: Analysis Date: Report Date:	LCS/LCSD Pair WG5336-2 R2908 Not Reported 27-DEC-95 27-DEC-95	<u>-</u> p		
Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC LCS/LCSD	TCS/FCSD
VOAs by GC/MS Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 20:57 Workgroup Number: WG5336 Benzene Chlorobenzene 1,1-Dichloroethene Toluene	71-43-2 108-90-7 75-35-4 108-88-3 79-01-6	55 55 59 62	127 130 145 137	13 14 24 24		50 50 50 50 50 50 50	ug/Kg ug/Kg ug/Kg ug/Kg	98 102 106 90 106	98 102 106 92 108	00000

QUAL (1)

RPD

1 1 1 1 1

Note: Technical Review By: Ty Garber

Note: Report Approved By: Randy Greaves

'-' = Value Within Control Limits - * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits;
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control / La (1) QUAL
"Limits"
"LCS,SD Add"
"LCS %REC"
"LCSD %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

vvsb9512271

LCS/LCSD Pair	WG5338-2	R2912	cord Id: Not Reported	26-DEC-95	26-DEC-95	08-JAN-96	
Sample 1d:	Work Group Id:	Run Id:	GALP Record Id:	Preparation Date:	Ś	Report Date:	

Analyte	CAS No.	CAS No. Low Limit High Limit	High Limit	RPD Limit	LCS Add	RPD Limit LCS Add LCSD Add Units	Units	LCS %REC	LCSD %REC	LCSD %REC LCS/LCSD RPD	QUAL (1)
VOAs by GC/MS Preparation Date: 26-DEC-95 Analysis Date: 26-DEC-95 22:57 Workgroup Number: WG5338											
Benzene	71-43-2	92	127	13	20	20	ua/Ka	76	96	2	;
Chlorobenzene	108-90-7	75	130	13	20	20	ua/Ka	. %	8	יט נ	;
1,1-Dichloroethene	75-35-4	61	145	14	20	20.50	ua/Ka	8 8	86	· C	;
Toluene	108-88-3	29	139	21	20	20	Ua/Ka	8	8 6		;
Trichloroethene	79-01-6	62	137	57	20	20	ug/Kg	88	82	12	:

Note: Technical Review By: Ty Garber

Note: Report Approved By: Randy Greaves

s: '-' = Value Within Control Limits		
# = LCSD Outside Control Limits;	High and RPD) are in units of percent (%),	C CHECK COLL TO SOLL
- * = LCS Outside Control Limits;	- The "Limits" reported above (Low,	
(1) QUAL	"Limits"	II CS SD Addii

[&]quot;LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

vvsb9512261

The conc. of analyte added to the LCS or LCSD sample.
 Laboratory Control Sample Percent Recovery
 Laboratory Control Sample Duplicate Percent Recovery
 Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 Not Reported

LCS/LCSD Pair WG522-2 R2806 Not Reported 19-DEC-95 19-DEC-95 Sample Id: Work Group Id: Run Id: GALP Record Id: Preparation Date: Analysis Date: Report Date:

High Limit Low Limit CAS No.

Analyte

SW846 Method 5030/8015M Preparation Date: 19-DEC-95 Analysis Date: 19-DEC-95 08:12 Workgroup Number: WG5222 GRO

130 20 Ν

Ŋ 22

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mg/Kg

103

106

M

1

QUAL (1)

LCS/LCSD RPD

LCSD %REC

LCS %REC

Units

LCSD Add

LCS Add

RPD Limit

Technical Review By: Ty Garber

Report Approved By: Randy Greaves Note:

'-' = Value Within Control Limits - * = LCS Outside Control Limits; # = LCSD Outside Control Limits; a = RPD Outside Control Limits;

- The "Limits" reported above (Low, High and RPD) are in units of percent (%).

- The conc. of analyte added to the LCS or LCSD sample.

- Laboratory Control Sample Percent Recovery

- Laboratory Control Sample Duplicate Percent Recovery

- Laboratory Control Sample Jubilicate Percent Recovery

- Laboratory Control Sample / Laboratory Control / Laboratory (1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

-	QUAL (1)	11111
	LCSD %REC LCS/LCSD RPD	4 15 2 3 3 0 6
	LCSD %REC	87 102 107 104
<u>-</u> -	LCS %REC	101 106 107 107
LCS/LCSD Pair WG5225-2 R2807 Not Reported 19-DEC-95 19-DEC-95 22-DEC-95	Units	ug/kg ng/kg ng/kg ng/kg
Sample Id: Work Group Id: Run Id: GALP Record Id: Preparation Date: Analysis Date: Report Date:	LCSD Add	20 20 20 20 20 20 20
Worl GALP Prepara Ana	RPD Limit LCS Add LCSD Add	50 50 50 50 50 50 50
	RPD Limit	28288
	High Limit	142 150 139 150
	CAS No. Low Limit High Limit	55 55 55 55
	CAS No.	71-43-2 100-41-4 108-88-3 108-38-3 95-47-6
	Analyte	SW846 Method 5030/8020 Preparation Date: 19-DEC-95 Analysis Date: 19-DEC-95 08:52 Workgroup Number: WG5225 Benzene Ethylbenzene Toluene (m,p)-Xylene o-Xylene

Note: Technical Review By: Ty Garber

'-' = Value Within Control Limits * = LCS Outside Control Limits; # = LCSD Outside Control Limits; a = RPD Outside Control Limits;
 The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 The conc. of analyte added to the LCS or LCSD sample.
 Laboratory Control Sample Percent Recovery
 Laboratory Control Sample Duplicate Percent Recovery
 Laboratory Control Sample Jublicate Percent Recovery
 Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 Not Reported (1) QUAL "Limits"

Report Approved By: Randy Greaves

Note:

"LCS SD Add"
"LCS SREC"
"LCSD SREC"
"LCS/LCSD RPD"
NR

LCS/LCSD Pair WG5240-2 R2821 Not Reported 21-DEC-95 21-DEC-95 Pair Sample Id:
Work Group Id:
Run Id:
GALP Record Id:
Preparation Date:
Analysis Date:

Report Date:

SW846 Method 5030/8015M Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 14:43 Workgroup Number: WG5240 GRO

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130

2

22

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Ŋ

mg/Kg

101

89

3

QUAL (1)

LCS/LCSD RPD

LCSD %REC

LCS %REC

Units

LCSD Add

LCS Add

RPD Limit

High Limit

Low Limit

CAS No.

Analyte

Technical Review By: Ty Garber

Report Approved By: Randy Greaves Note:

'-' = Value Within Control Limits * = LCS Outside Control Limits; # = LCSD Outside Control Limits; a = RPD Outside Control Limits;
 The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 The conc. of analyte added to the LCS or LCSD sample.
 Laboratory Control Sample Percent Recovery
 Laboratory Control Sample Duplicate Percent Recovery
 Laboratory Control Sample Jaboratory Control Sample / Laboratory Control / Laboratory Cont (1) QUAL
"Limits"
"LCS,SD Add"
"LCS %REC"
"LCSD %REC"
"LCSD %REC"

LCS/LCSD Pair WG5244-2 R2823 Not Reported 21-DEC-95 21-DEC-95 27-DEC-95 Sample Id: Work Group Id: Run Id: GALP Record Id: Analysis Date: Report Date: Preparation Date:

Analyte	CAS No.	CAS No. Low Limit High Limit	High Limit	RPD Limit	RPD Limit LCS Add LCSD Add		Units	Units LCS %REC	LCSD %REC	LCSD %REC LCS/LCSD RPD	QUAL (1)
SWB46 Method 5030/8020 Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 15:24											
Workgroup Number: WG5244											
Benzene		99	142	21	20	20	ua/Ka	26	100	~	į
Ethylbenzene		55	150	52	50	20	Ua/Ka	107	104) N	;
Toluene			139	2	50	2	ua/Ka	107	100	, ~	;
(m,p)-Xylene	108-38-3	55	150	52	40	70	Ua/Ka	108	107	1 ←	;
o-Xylene	9-44-6	55	150	25	20	20	ug/Kg	104	101	٠ κ	1 1

Note: Report Approved By: Randy Greaves Technical Review By: Ty Garber

'-' = Value Within Control Limits - * = LCS Outside Control Limits; # = LCSD Outside Control Limits; a = RPD Outside Control Limits; - The "Limits" reported above (Low, High and RPD) are in units of percent (%). - The conc. of analyte added to the LCS or LCSD sample. - Laboratory Control Sample Percent Recovery - Laboratory Control Sample Duplicate Percent Recovery - Laboratory Control Sample Juplicate Percent Recovery - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference - Not Reported (1) QUAL "Limits"

"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

Pair LCS/LCSD Pair WG5256-2 R2839 Not Reported 27-DEC-95 29-DEC-95 Sample Id:
Work Group Id:
Run Id:
GALP Record Id:
Preparation Date:
Analysis Date:
Report Date: 3

Analyte	CAS No.	CAS No. Low Limit High Limit	High Limit	RPD Limit	RPD Limit . LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCSD %REC LCS/LCSD RPD QUAL (1)	QUAL (1)
SW846 Methods 5030/8020 Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95											
workgroup number: wG5Z50 Benzene		92	127	20	20	02	1/011	60	101	o	
Ethylbenzene		2	140	20	202	25	1/67	1 8	102	. 7	;
Toluene		92	125	20	20	20	1/65	100	103	· ~	;
(m,p)-Xylene	108-38-3	20	140	50	40	07	1/67	100	104	0 4	:
o-Xylene	9-44-6	20	140	20	20	50	ng/L	95	96	-	;

Note: Technical Review By: Ty Garber

Note: Report Approved By: Randy Greaves

) QUAL	control Limits: # =	-1 = Value Within Control limite
imitoll		
- fillits	Srte	

[&]quot;LCS, %D Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

⁻ The conc. of analyte added to the LCSO or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

		R2840					
Sample 1d:	Work Group Id:	Run 1d:	GALP Record 1d:	Preparation Date:	Analysis Date:	Report Date:	

Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 08:10 Workgroup Number: WG5258 GRO SW846 Method 5030/8015 Mod.

N/A

3

130

2

5

'n

mg/L

89

100

12

QUAL (1)

LCS/LCSD RPD

LCSD %REC

LCS %REC

Units

LCSD Add

LCS Add

RPD Limit

High Limit

Low Limit

CAS No.

Analyte

Note: Technical Review By: Ty Garber

Note: Report Approved By: Randy Greaves

'-' = Value Within Control Limits * = LCS Outside Control Limits; # = LCSD Outside Control Limits; a = RPD Outside Control Limits;
 The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 The conc. of analyte added to the LCS or LCSD sample.
 Laboratory Control Sample Percent Recovery
 Laboratory Control Sample Duplicate Percent Recovery
 Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 Not Reported (1) QUAL "Limits"

"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

Not Reported 27-DEC-95 27-DEC-95 08-JAN-96 Not Reported WG5336-4 R2908 Preparation Date: Analysis Date: Report Date: Client Id: Work Group Id: Run Id: GALP Record Id:

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	CAS No. Low Limit High Limit RPD Limit MS Add MSD Add Units Sample Conc MS %REC	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
VOAs by GC/MS												
Preparation Date: 27-DEC-95												
Analysis Date: 27-DEC-95 22:16												
Workgroup Number: WG5336												
Benzene	71-43-2		127	13	100	100	ug/Kg	2	88	66	11	:
Chlorobenzene	108-90-7		130	13	100	100	ug/Kg	2	95	93	2	
1,1-Dichloroethene	75-35-4		145	14	100	100	ug/Kg	2	110	120	6	
Toluene	108-88-3	26	139	21	100	100	ug/Kg	5.8	28	82	S	1
Trichloroethene	79-01-6		137	54	100	100	ug/Kg	S	95	06	2	

Technical Review By: Ty Garber Note:

Report Approved By: Randy Greaves

(1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; '-' = Value Within Control Limits (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.

"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).

"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).

"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).

"MS %REC" - Matrix Spike Duplicate Percent Recovery

"MS %REC" - Matrix Spike Duplicate Relative Percent Difference

"MS/MSD RPD" - Matrix Spike Duplicate Relative Percent Difference

"MS / MSD MSD - MATRIX Spike Duplicate Relative Percent Difference

- Analyte "Not Detected" above the method detection limit.

12397-56ms

Not Reported WG5338-4

Client Id: Work Group Id: Run Id: GALP Record Id:

loroethene 75-35-4 108-88-3 oethene 79-01-6	Analyte VOAs by GC/NS Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 Workgroup Number: WG5338 Benzene Chlorobenzene	CAS No.	Low Limit 76 75	High Limit	RPD Limit	MS Add 100	GALP Record Id: Preparation Date: Analysis Date: Report Date: Report Date: 1 MSD Add Units 100 ug/Kg	Run Id: P Record Id: Iration Date: allysis Date: Report Date: D Add Units 100 ug/Kg	Run Id: R2912 GALP Record Id: Not Reported Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 Report Date: 08-JAN-96 Report Date: 08	MS %REC 107	MSD %REC 87 87	l l
108-88-3 59 139 21 100 100 ug/Kg 7.4 103 oethene 79-01-6 62 137 24 100 ug/Kg ND 88	1-Dichloroethene	75-35-4		145	<u> 7</u>	90	8 6	19/Kg	3 5	70	9 6	
79-01-6 62 137 24 100 100 ug/kg ND 88	Toluene	108-88-3		139	21	100	100	ug/Kg	7.4	103	86	
	Trichloroethene	79-01-6	62	137	54	100	100	ug/Kg	Q.	88	80	

QUAL (1)

Technical Review By: Ty Garber

- * = MS Outside Control Limits; # = MSD Outside Control Limits; 8 = RPD Outside Control Limits; 1-1 = Value Within Control Limits - ! = The sample concentration is greater than two times the MSD spike conc. High analyte conc. will effect the MS/MSD recoveries. (1) QUAL

Report Approved By: Randy Greaves

"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
"MSD %REC" - Matrix Spike Percent Recovery
"MSD %REC" - Matrix Spike Duplicate Percent Recovery
"MSD %REC" - Matrix Spike Duplicate Relative Percent Difference

Not Reported
 Analyte "Not Detected" above the method detection limit.

(2397-2ms

¥ 9

Not Reported WG5222-4 Not Reported 19-DEC-95 19-DEC-95 22-DEC-95 R2806 Preparation Date: Analysis Date: Client Id: Work Group Id: Run Id: GALP Record 1d:

Report Date:

Preparation Date: 19-DEC-95 Analysis Date: 19-DEC-95 12:52 Workgroup Number: WG5222 GRO SW846 Method 5030/8015M

N/A

130 2

Ŋ Ŋ

22

mg/Kg

2

82

14

QUAL (1)

MS/MSD RPD

MSD %REC

MS %REC

Sample Conc

MSD Add Units

Low Limit High Limit RPD Limit MS Add

CAS No.

Analyte

7,4

Technical Review By: Ty Garber Note:

Report Approved By: Randy Greaves

- * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; '-' = Value Within Control Limits - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries. (1) QUAL (1) QUAL "Limits"

"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
"MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
"MSD %REC" - Matrix Spike Percent Recovery
"MSD %REC" - Matrix Spike Duplicate Percent Recovery
"MSD %REC" - Matrix Spike Juplicate Relative Percent Difference
"MS MSD" - Matrix Spike Juplicate Relative Percent Difference
"MS MSD" - Analyte "Not Detected" above the method detection (imit.

Not Reported	WG5225-4 R2807	Not Reported	19-DEC-95	19-DEC-95	22-DEC-95
Client Id:	Work Group Id:	GALP Record Id:	_	Analysis Date:	Report Date:

QUAL (1)

MS/MSD RPD

MSD %REC

MS %REC

66844

88688

105 105

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	CAS No. Low Limit High Limit RPD Limit MS Add MSD Add Units Sample Conc
SW846 Method 5030/8020								
Preparation Date: 19-DEC-95								
Analysis Date: 19-DEC-95 10:51								
Workgroup Number: WG5225								
Benzene	71-43-2	99	142	21	20	20	ua/Ka	S
Ethylbenzene	100-41-4	55	150	32	2	25	ua/Ka	2
Toluene	108-88-3	26	139	12	25	35	III/KG	2 5
(m,p)-Xylene	108-38-3	55	150	22	67	07	ua/Ka	2 5
o-Xylene	95-47:6	25	150	32	20	20	ua/Ka	2
						1	0	

Report Approved By: Randy Greaves Note:

Note: Technical Review By: Ty Garber

- Analyte "Not Detected" above the method detection limit.

Not Reported 22-DEC-95 22-DEC-95 27-DEC-95 Not Reported WG5240-4 R2821 Client Id: Work Group Id: Run Id: GALP Record Id: Preparation Date: Analysis Date: Report Date:

Low Limit High Limit RPD Limit MS Add

Preparation Date: 22-DEC-95 Analysis Date: 22-DEC-95 11:41 Workgroup Number: WG5240 SW846 Method 5030/8015M

130 2

××

Ŋ 2

mg/Kg Ŋ

22

-

62

2

QUAL (1)

MS/MSD RPD

MSD %REC

MS %REC

Sample Conc

Units

MSD Add

CAS No.

Analyte

Technical Review By: Ty Garber

Report Approved By: Randy Greaves Note:

e Control Limits; '-' = Value Within Control Limits High analyte conc. will effect the MS/MSD recoveries. a = RPD Outside Control Limits; * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outsid
 ! = The sample concentration is greater than two times the MS or MSD spike conc. (1) QUAL (1) QUAL "Limits"

- The "Limits" reported above (Low, High and RPD) are in units of map spike conc. High analyte conc. Will effect the may be conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).

- The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).

- Matrix Spike Percent Recovery

- Matrix Spike Duplicate Percent Recovery

- Matrix Spike / Matrix Spike Duplicate Relative Percent Difference

- Not Reported "MS, MSD Add"

"Sample Conc" "MS %REC" "MSD %REC" "MS/MSD RPD" -

- Analyte "Not Detected" above the method detection limit.

R2823 Not Reported Not Reported WG5244-4 21-DEC-95 21-DEC-95 27-DEC-95 Client Id: Work Group Id: Run Id: GALP Record Id: Preparation Date: Analysis Date: Report Date:

QUAL (1)

MS/MSD RPD

MSD %REC

MS %REC

Sample Conc

Units

MSD Add

Add

40904

12325

2222

2222

ug/Kg ug/Kg ug/Kg ug/Kg

RPD Limit MS High Limit Low Limit CAS No. Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 17:26 Workgroup Number: WG5244 SW846 Method 5030/8020 Analyte

Ethylbenzene (m,p)-Xylene Toluene Benzene

o-Xylene

22222 25252 28288 150 139 150 150 71-43-2 100-41-4 108-88-3 108-38-3 95-47-6

Note:

Report Approved By: Randy Greaves

(1) GUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; '-' = Value Within Control Limits

(1) GUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.

"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).

"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).

"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).

"MS %REC" - Matrix Spike Puplicate Percent Recovery

"MS/MSD RPD" - Matrix Spike Duplicate Relative Percent Difference

NR - Not Reported

- Analyte "MATRIX Spike Duplicate Relative Percent Difference

Not Reported	WG5256-4	R2839	Not Reported	27-DEC-95	27-DEC-95	29-DEC-95	
Client Id:	Work Group 1d:	Run Id:	GALP Record Id:	Preparation Date:	Analysis Date:	Report Date:	

Analyte	CAS NO.	Low Limit	CAS No. Low Limit High Limit RPD	- 1	MS Add	MSD Add	Units	Limit MS Add MSD Add Units Sample Conc MS %REC	MS %REC	MSD %REC	MS/MSD RPD QUAL (1)	QUAL (1)
SW846 Methods 5030/8020 Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 10:47 Workgroup Number: WG5256												
Benzene	•	92	127	20	20	20	1/07	Q	86	100	^	:
Ethylbenzene		02	140	50	20	20	UQ/L	2	102	102	ı 0	:
Toluene		,-	125	50	20	20	na/L	1.76	86	100	2	
(m,p)-Xylene	108-38-3		140	50	40	40	1/bn	2.68	88	8	ı 	1
o-Xylene	9-44-6	20	140	20	50	20	ng/L	1.85	89	06	-	1

Note: · Technical Review By: Ty Garber

Report Approved By: Randy Greaves Note:

(1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; '-' = Value Within Control Limits.

(1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.

"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).

"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).

"MS ARC" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).

"MS XREC" - Matrix Spike Percent Recovery

"MSD XREC" - Matrix Spike Duplicate Relative Percent Difference

"MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference

- Analyte "Not Detected" above the method detection limit.

Not Reported	WG5259-2	R2840	Not Reported	28-DEC-95	28-DEC-95	29-DEC-95
Client Id:	Work Group 1d:		GALP Record 1d:	Preparation Date:	Analysis Date:	

QUAL (1)

MS/MSD RPD

MSD %REC

MS %REC

Sample Conc

MSD Add Units

Low Limit High Limit RPD Limit MS Add

CAS No.

Analyte

9

111

123

6.85

mg/L

'n

Ŋ

Preparation Date: 28-DEC-95 Analysis Date: 28-DEC-95 12:55 Workgroup Number: WG5259 GRO SW846 Method 5030/8015 Mod.

Note: Technical Review By: Ty Garber

Report Approved By: Randy Greaves Note:

(1) QUAL -* = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; '-' = Value Within Control Limits. (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. Will effect the MS/MSD recoveries. "Limits" reported above (Low, High and RPD) are in units of percent (%).

"MS, MSD Add" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).

"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).

"MS, MSC Add" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).

"MS, MSC Add" - Matrix Spike Duplicate Relative Percent Difference

"MS/MSD RPD" - Matrix Spike Jublicate Relative Percent Difference

"MS Add" - Analyte "Not Detected" above the method detection limit.

FINAL RESULTS

Client ID: 9511213-01

Project Number: BANG FUELING AREA

Sample ID: L2397-1 Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Quat	MDL	RL
SW846 Method 8240	### 1 1.5.5. ###########################						
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 15:37							
Workgroup Number: WG5333							
Acetone Managers	67-64-1	1 4773	ND				
Acetonitrile	75-05-8	1	ND ND	ug/L	Ü	.5	100
Acrolein	107-02-8	1	ND	ug/L	U.	.5	100
Acrylonitrile	107-13-1	1	ND ND	ug/L	U	. 5	100
Allyl chloride	107-15-1	1	- 하이일 다시본 : 회에 하기 : 1,1123-173	ug/L	U	.5	100
Benzene	71-43-2	1	ND NO	ug/L	U	.5	5
Benzyl chloride	100-44-7	1	ND ND	ug/L	U	.05	1
Bromodichloromethane	75-27-4	1	ND ND	ug/L	U	.5	100
Bromoform	75-27-4 75-25-2	1	ND	ug/L	U	-64	5
Bromomethane	73-25-2 74-83-9	1	ND	ug/L	U	.47	5
2-Butanone		1	ND	ug/L	U	.49	10
Carbon disulfide	78-93-3	1	ND ND	ug/L	U	.5	100
	75-15-0	1	ND	ug/L	Ü	.5	100
Carbon tetrachloride Chlorobenzene	56-23-5	1	ND.	ug/L	U	1.4	- 5
	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	ט	-54	10
2-Chloroethyl vinyl ether	110-75-8	7	ND	ug/L	Ü	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	.ND	ug/L	U	.5	- 5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND.	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	Ü	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	Ü	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	. 51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01

Project Number: BANG FUELING AREA

Sample ID: L2397-1

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

		×,					
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	
Ethylbenzene	100-41-4	1	ND ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	
Isobutyl alcohol	78-83 - 1	1	ND	ug/L	U	.5	
Methacrylonitrile	126-98-7	1 🖔	ND	ug/L	U	.5	
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	
Methyl methacrylate	80-62-6	1	ŇD	ug/L	U	.5	
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	
Pentachloroethane	76-01-7	1 5	ND	ug/L	U	.5	
Propionitrile	107-12-0	1 े	ND	ug/L	U	.5	
Styrene	100-42-5	1	ND	ug/L	U	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1 🗟	ND	ug/L	Ü	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	ט	.63	
Tetrachloroetheme	127-18-4	1	ND	ug/L	U	.49	Wi.
Toluene	108-88-3	1	1.76	ug/L		.22	
1,1,1-Trichloroethane	71-55-6	1 3	ND	ug/L	U	1.7	Mar H
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	Ü	1.2	
Trichloroethene	79-01-6	1 🖔	ND	ug/L	U	.42	
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	k M
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	
Dibromofluoromethane	SURROGATE	1	100	%			
Toluene-d8	SURROGATE	1 %	101	%			
4-Bromofluorobenzene	SURROGATE	1	105	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01

Project Number: BANG FUELING AREA

Sample ID: L2397-1

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

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ng.	LA	N-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020 Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 10:08							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	1.76	ug/L		.22	1
(m,p)-Xylene	108-38-3	1	2.68	ug/L		.3	2
o-Xylene	95-47-6	1 %	1.85	ug/L		.1	1
4-Bromofluorobenzene	SURROGATE	1	105	%			
SW846 Method 5030/8015 Mod. Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 10:08 Workgroup Number: WG5258							
GRO					i den de la companya		
Bromofluorobenzene	N/A Surrogate	1	ND 105	mg/L %	U	.05	.1

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ ${\sf E}$ = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Client ID: F1-0

Project Number: BANG FUELING AREA

Sample ID: L2397-2

Site / Project ID: LOCATION 1 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 8240		1 340 d) 					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 01:36							
Workgroup Number: WG5338							
Acetone	67-64-1	2	58	ug/Kg		4	2
Benzene	71-43-2	2	13	ug/Kg		.78	
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U		
Bromoform	75-25-2	2	ND	ug/Kg	Ü	.93	
Bromomethane	74-83-9	2	ND	ug/Kg	u v	.97	
2-Butanone	78-93-3	2	ND	ug/Kg	υ	í	2
Carbon disulfide	75-15-0	2	ND	ug/Kg	Ü		2
Carbon tetrachloride	56-23-5	2	ND ND	ug/Kg	U	2.7	
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ü	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü	1	
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	ŭ		
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	ŭ	4	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	ย		
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	บ		
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	Ü		
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	Ū	3,4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	Ü	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	Ü	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	Ü	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ū	1.1	
Ethylbenzene	100-41-4	2	14	ug/Kg		1.5	
2-Hexanone	591-78-6	2	ND	ug/Kg	ט	1	1
Methylene chloride	75-09-2	2	ND	ug/Kg	Ū	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	Ü	î	1
Styrene	100-42-5	2	ND	ug/Kg	Ü	1.4	
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	Ū	1.3	
Tetrachloroethene	127-18-4	2	ND	ug/Kg	Ü	.98	
Toluene	108-88-3	2	7.4	ug/Kg	.	1.7	

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0

Project Number: BANG FUELING AREA

Sample ID: L2397-2

Site / Project ID: LOCATION 1 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

* 500, 110, 480,000,000	: 1775- 1000000000000000000000000000000000000			eregi i i ngjigagi gjita të tëpë 1999 të Kiloni i në mara i na sakarararararar			기, 역 (1 등), 1
Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	ט	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	Ü	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U		10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	79	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	101	%			
Toluene-d8	SURROGATE	1	100	%			
4-Bromofluorobenzene	SURROGATE	1	103	%			
				1 186 11.11.1			
*							

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F1-0

Project Number: BANG FUELING AREA

Sample ID: L2397-2

Site / Project ID: LOCATION 1 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Quat MDL	RL
SW846 Method 5030/8020						
Preparation Date: 19-DEC-95						
Analysis Date: 19-DEC-95 14:10						
Workgroup Number: WG5225						
Benzene	71-43-2	1	29.3	ug/Kg	ى05	
Ethylbenzene	100-41-4	1	23.5	ug/Kg	_079	
Toluene	108-88-3	1	19.4	ug/Kg	.22	
(m,p)-Xylene	108-38-3	1	102	ug/Kg	.3	
o-Xylene	95-47-6	1	25.3	ug/Kg	.1	
4-Bromofluorobenzene	SURROGATE	1	112	%		
SW846 Method 5030/8015M		0.1%				
Preparation Date: 19-DEC-95						
Analysis Date: 19-DEC-95 14:10						
Workgroup Number: WG5222				HALINE HENRY TIET. Sind held to Salah Salah		
GRO	N/A	1	3.1	mg/Kg	.05	
Bromofluorobenzene	SURROGATE	1	112	%		

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4

Project Number: BANG FUELING AREA

Sample ID: L2397-3

Site / Project ID: LOCATION 1 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil Samp	le Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:01							
Workgroup Number: WG5339							
Acetone	67-64-1	2	ND	ug/Kg	U		200
Benzene	71-43-2	2	ND	ug/Kg	ับ	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	Ŭ	1	10
Bromoform	75-25-2	2	ND	ug/Kg	Ü	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	Ü	.97	10 20
2-Butanone	78-93-3	2	ND	ug/Kg ug/Kg	U		200
Carbon disulfide	75-15-0	2	ND	ug/Kg	Ú	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	u	2.7	200 10
Chlorobenzene	108-90-7	2	ND	ug/Kg ug/Kg	Ü	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	ŭ .		20 20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	20 10
Chloromethane	74-87-3	2	ND	ug/Kg	U		20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	20 10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	ŭ	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	Ü	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	Ü	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	Ü		10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	0	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	ย	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	Ü	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	100
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	บ	1	100
Styrene	100-42-5	2	ND	ug/Kg	Ü	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	Ü	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F1-4

Project Number: BANG FUELING AREA

Sample ID: L2397-3
Site / Project ID: L0CATION 1 4-6 FT DE Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

			A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			irin Hallim Dalah kir	4 - 1.
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U		
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	ſ	
Dibromofluoromethane	SURROGATE	1	114	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4

Project Number: BANG FUELING AREA

Sample ID: L2397-3

Site / Project ID: LOCATION 1 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report	Date:	22-DEC-95
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Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020		0.45%					
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 14:49							
Workgroup Number: WG5225							
Benzene	71-43-2	5000 f der 1 .	ND	ug/Kg	U	^-	
Ethylbenzene	100-41-4	1	ND ND	ug/Kg ug/Kg	ט	.05 .079	1
Toluene	108-88-3	1	ND ND	ug/Kg ug/Kg	U	\$4 July 40, 5 4 900 90 July 44441 1	1
(m,p)-Xylene	108-38-3	1	ND ND	ug/Kg ug/Kg	U	.22	1
o-Xylene	95-47-6	1	ND ND	ug/Kg ug/Kg	U	.3	2
4-Bromofluorobenzene	SURROGATE	1	105	ug/kg %	U	<u>.</u> 1	1
T DI GIIGI COO OBCILECTIC	SORROGATE	' 4		/o			
SW846 Method 5030/8015M		yaya S					
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 14:49							
Workgroup Number: WG5222							
GRO -	N/A	1	ND	mg/Kg	U	.05	.,1
Bromofluorobenzene	SURROGATE	1	105	%		•	
		5					
		9					
		i i					
		1					
		1					
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		i.					
		Š					
		3					
		¥					
		9					

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

Dil - Sample Dilution Factor

- Sample Concentration Not Detected above MDL

- Method Detection Limit MDL RL- Method Reporting Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Client ID: F2-0

Project Number: BANG FUELING AREA

Sample ID: L2397-6

Site / Project ID: LOCATION 2 0-2 FT DE

Run ID: R2912

Collection Date: 13-DEC-95
Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		10.000					
Preparation Date: 29-DEC-95							
Analysis Date: 29-DEC-95 16:22							
Workgroup Number: WG5339	n lije dvad detektori de Hatika kaladiti mataki						
Acetone	67-64-1	2	ND	ug/Kg	U	1.0	20
Benzene	71-43-2	2	150	ug/Kg		.78	
Bromodichloromethane	75-27-4	2	ND	ug/Kg	ט	1	
Bromoform	75-25-2	2	ND	ug/Kg	Ū	.93	
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	
2-Butanone	78-93-3	2	ND	ug/Kg	ย		2
Carbon disulfide	75-15-0	2	ND	ug/Kg	บ	1	20
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	0	2.7	
Chlorobenzene	108-90-7	2	ND	ug/Kg	บั	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	ŭ	1	
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	ט	1	
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	B	1	
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	
1,2-Dichloropropane	78 - 87-5	2	ND	ug/Kg	ប	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ü	1.1	
Ethylbenzene	100-41-4	125	920	ug/Kg		94	6
2-Hexanone	591-78-6	2	ND	ug/Kg	Ü	1	1
Methylene chloride	75-09-2	2	ND	ug/Kg	ម	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	บ	1	1
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	
Tetrachloroethene	127-18-4	2	ND	ug/Kg	Ü	.98	
Toluene	108-88-3	125	2600	ug/Kg		110	6

Review By: Ty Garber Report Approved By: Randy Greaves

Qual

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F2-0

Project Number: BANG FUELING AREA

Sample ID: L2397-6

Site / Project ID: LOCATION 2 0-2 FT DE

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	Ü	2.5	
Trichloroethene	79-01-6	2	ND	ug/Kg	Ū	.84	
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	
Vinyl chloride	75-01-4	2	ND	ug/Kg	Ü	.94	
Xylene (Total)	1330-20-7	125	5700	ug/Kg		63	6
Dibromofluoromethane	SURROGATE	1	95	~s, .s			
Totuene-d8	SURROGATE	1	84	%			
4-Bromofluorobenzene	SURROGATE	1	131	%			
		:					
-							
							None P
		4					
		3					
		3					
		:					
		1					

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor
ND - Sample Concentration No

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F2-0

Project Number: BANG FUELING AREA

Sample ID: L2397-6

Site / Project ID: LOCATION 2 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020						
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 20:38						
Workgroup Number: WG5226						
Benzene	71-43-2	1250	2190	ug/Kg	63	130
Ethylbenzene	100-41-4	1250	7230	ug/Kg	99	130
Toluene	108-88-3	1250	9850	ug/Kg	270	130
(m,p)-Xylene	108-38-3	1250	35200	ug/Kg	370	250
o-Xylene	95-47-6	1250	9060	ug/Kg	130	130
4-Bromofluorobenzene	SURROGATE	1	104	~5).\5 %		150
		•				
SW846 Method 5030/8015M		9 000				
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 20:38						
Jorkgroup Number: WG5223		arian Arian			. 이를 이용했다면 있는 것들이 가장 전혀 되었다. [15] 나는 일본 사람들은 하지만 하는 것들이 있는 것을 되었다.	
GRO -	N/A	1250	1140	mg/Kg	63	13
Bromofluorobenzene	SURROGATE	1	104	%		ur. – Amerika 💆 Salabag i Polosia
			기관 그 그래의 함			

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F2-4

Project Number: BANG FUELING AREA

Sample ID: L2397-7

Site / Project ID: LOCATION 2 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 17:18							
Workgroup Number: WG5339							
Acetone	67-64-1	2	22	ug/Kg		1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	4	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	υ	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	υ	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U		10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ON C	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4,2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	Ü	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	u	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2 :	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	Ü	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	Ü	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F2-4

Project Number: BANG FUELING AREA

Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	Ü	
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94
Xylene (Total)	1330-20-7	2	6	ug/Kg	i i	1
Dibromofluoromethane	SURROGATE	1	101	%		
Toluene-d8	SURROGATE	1	85	%		
4-Bromofluorobenzene	SURROGATE	1	95	%		

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

⁻ Method Detection Limit MDL RL - Method Reporting Limit

Client ID: F2-4

Project Number: BANG FUELING AREA

Sample ID: L2397-7

Site / Project ID: LOCATION 2 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020						
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 11:41						
Workgroup Number: WG5226		HP01 0				
Benzene	71-43-2	1	1,49	ug/Kg	.05	
Ethylbenzene	100-41-4	1	2.12	ug/Kg	.079	
Toluene	108-88-3	1	3.95	ug/Kg	.22	
(m,p)-Xylene	108-38-3	1	6.59	ug/Kg	.3	
o-Xylene	95-47-6	1	2.72	ug/Kg	Ĭ	
4-Bromofluorobenzene	SURROGATE	1	78	-s/s %		
	arnace of according to a con-					
SW846 Method 5030/8015M						
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 11:41						
lorkgroup Number: WG5223		OFF.				
GRO -	N/A	1	.28	mg/Kg	.05	
Bromofluorobenzene	SURROGATE	1	78	%		

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

[~] E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F3-0

Project Number: BANG FUELING AREA

Sample ID: L2397-10
Site / Project ID: L0CATION 3 0-2 FT DE
Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 02:15							
Workgroup Number: WG5338						그냥하다면서 성하	
Acetone	67-64-1	10	380	ug/Kg		5	1000
Benzene	71-43-2	10	320	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	- 5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	Ŭ	5	100
Chloroform	67-66-3	10	ND	ug/Kg	Ú	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	Ü	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	ย	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	Ū	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	Ü	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	Ū	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	Ü	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	Ü	5.5	50 50
Ethylbenzene	100-41-4	10	380	ug/Kg	Ŭ	7.5	50 50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	, 5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	, 5	500
Styrene	100-42-5	10	ND	ug/Kg	Ü	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg ug/Kg	U	6.3	50 50
Tetrachloroethene	127-18-4	10	ND.	ug/Kg ug/Kg	บ	4.9	50 50
Toluene	108-88-3	10	1300	ug/Kg	Ü	8.5	50 50

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0

Project Number: BANG FUELING AREA

Sample ID: L2397-10

Site / Project ID: LOCATION 3 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	10	2200	ug/Kg		5	50
Dibromofluoromethane	SURROGATE	1	94	%			
Toluene-d8	SURROGATE	1	104	%			
4-Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10

Site / Project ID: LOCATION 3 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units Qual	MDL	RL
SW846 Method 5030/8020						
Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 00:02						
Workgroup Number: WG5226						
Benzene	71-43-2	125	613	ug/Kg	6.3	1
Ethylbenzene	100-41-4	125	2260	ug/Kg	9.9	1
Toluene	108-88-3	125	3040	ug/Kg	27	1.
(m,p)-Xylene	108-38-3	125	10300	ug/Kg	37	2 2
o-Xylene	95-47-6	125	2420	ug/Kg	13	1.
4-Bromofluorobenzene	SURROGATE	1 3	140	7%		
SW846 Method 5030/8015M		ser l			2011 122 124 125 126 127 124 125 125 125 125 125 125 125 125 125 125 125 125 125 125 125 125 125 125	
Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 00:02						
Workgroup Number: WG5223						
GRO -	N/A	125	985	mg/Kg	6,3	
Bromofluorobenzene	SURROGATE	1	140	%		
		1				
		À				
		3				

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F3-4

Project Number: BANG FUELING AREA

Sample ID: L2397-11

Site / Project ID: LOCATION 3 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		i inti					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 03:34							
Workgroup Number: WG5338							n şeri i
Acetone	67-64-1	2	ND	ug/Kg	8	- 100 (100) - 100 (100) 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	200
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	Ü	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.73	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U		200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	8	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ü	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü		10
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	ŭ		20
Chloroform	67-66-3	2	ND	ug/Kg	Ŭ	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	Ü	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	Ŭ		10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	Ü		10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	Ū	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	Ü	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	Ū	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ü	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ū	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	Ū	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	ט	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

SURROGATE

SURROGATE

SURROGATE

Client ID: F3-4

Project Number: BANG FUELING AREA

Sample ID: L2397-11

Site / Project ID: LOCATION 3 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc. Units Qual MDL RL
1,1,1-Trichloroethane	71-55-6	2	ND ug/Kg U 3.4 10
1,1,2-Trichloroethane	79-00-5	2	ND ug/Kg U 2,5 10
Trichloroethene	79-01-6	2	ND ug/Kg U .84 10
Trichlorofluoromethane	75-69-4	2	ND ug/Kg U 1 10
Vinyl chloride	75-01-4	2	ND ug/Kg U .94 4
Xylene (Total)	1330-20-7	2	ND ug/Kg U 1 10

106

113

99

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

Dil - Sample Dilution Factor

Dibromofluoromethane

4-Bromofluorobenzene

Toluene-d8

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Client ID: F3-4

Project Number: BANG FUELING AREA

Sample ID: L2397-11

Site / Project ID: LOCATION 3 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020	386, Jedys (1866) (1866					
Preparation Date: 20-DEC-95		digita Gilvey				
Analysis Date: 20-DEC-95 12:20		ánit –				
Workgroup Number: WG5226		Kata -				tang palasi Kangpalasi
Benzene	71-43-2	4	1.48	ug/Kg	05	
Ethylbenzene	100-41-4	1	2.1	ug/Kg ug/Kg	.05	
Toluene	108-88-3	1	4.79	ug/Kg ug/Kg	_079	1
(m,p)-Xylene	108-38-3	1	8.05		.22	1
o-Xylene	95-47-6	1	3.79	ug/Kg	-3	2 1
4-Bromofluorobenzene	SURROGATE	1	86	ug/Kg %	.1	1
4 Bi olio i cuoi oberizerie	SURRUGATE	1	- 00	^		
SW846 Method 5030/8015M	diadol Se callega					
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 12:20						
Workgroup Number: WG5223						
GRO -	N/A	1	.2	mg/Kg	. 05	
Bromofluorobenzene	SURROGATE	1	86	######################################		.1
S. One read, oberteene	OOKKOGATE	•				
					생물에 있는 것이 되었다. 그 사람들은 사람들은 것이 되었다. 사람들은 것이 많은 것이 되었다. 그 사람들은 것이 있다. 그리고 있다.	
*			공연시 시 기념 환경 중요 :			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F4-0

Project Number: BANG FUELING AREA

Sample ID: L2397-14

Site / Project ID: LOCATION 4 0-2 FT DE

Run ID: R2912 Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Quat	MDL	RI
SW846 Method 8240		38 3					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 19:09							
Workgroup Number: WG5338							
Acetone	67-64-1	10	ND	ug/Kg	U	5	100
Benzene	71-43-2	10	150	ug/Kg		3.9	5
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	5
Bromoform	75-25-2	10	ND	ug/Kg	Ü	4.7	5
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	10
2-Butanone	78-93-3	10	ND	ug/Kg	บ	5	100
Carbon disulfide	75-15-0	10	ND	ug/Kg	ט	5	100
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	Ü	14	5
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	5
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	7 - 5	5
Chloroethane	75-00-3	10	ND	ug/Kg	Ü	5.4	10
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	Ŭ	5	10
Chloroform	67-66-3	10	ND	ug/Kg	บั	14	5
Chloromethane	74-87-3	10	ND	ug/Kg	Ü	20	10
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	5
1,3-Dichlorobenzene	541- <i>7</i> 3-1	10	ND	ug/Kg	Ú	5	.5
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	5
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	Ú	17	5
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	Ū	21	5
1,1-Dichloroethene	75-3 5-4	10	ND	ug/Kg	U	4.8	51
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	5
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	5
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	υ	7.8	5
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	5
Ethylbenzene	100-41-4	10	580	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	50
Methylene chloride	75-09-2	10	ND	ug/Kg	ט	7.5	51
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	50
Styrene	100-42-5	10	ND	ug/Kg	ט	7.2	51
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	Ü	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	ช	4.9	50
Toluene	108-88-3	125	1100	ug/Kg		110	630

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-0

Project Number: BANG FUELING AREA

Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	5
,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	5
richloroethene	79-01-6	10	ND	ug/Kg	Ū	4.2	5
richlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	5
inyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	2
(ylene (Total)	1330-20-7	125	4800	ug/Kg		63	63
ibromofluoromethane	SURROGATE	1	70	%			
oluene-d8	SURROGATE	1	68	%			
-Bromofluorobenzene	SURROGATE	1	122	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit

Client ID: F4-0

Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Magan 3000/10 000/12 N M00000 (t send tills indopplyspingennused he have her	.8. 13.				10.55
W846 Method 5030/8020						
reparation Date: 21-DEC-95						
nalysis Date: 21-DEC-95 12:03						
Jorkgroup Number: WG5227		alau A				
Benzene	71-43-2	250	635	ug/Kg	13	25
Ethylbenzene	100-41-4	250	2930	ug/Kg	20	25
Toluene	108-88-3	250	4260	ug/Kg	54	25
(m,p)-Xylene	108-38-3	250	15900	ug/Kg	75	50
o-Xylene	95-47-6	250	4610	ug/Kg	25	25
4-Bromofluorobenzene	SURROGATE	1	166	%		
W846 Method 5030/8015M						
reparation Date: 21-DEC-95						경험 :
nalysis Date: 21-DEC-95 12:03						
orkgroup Number: WG5224						
GRO	N/A	250	1080	mg/Kg	13	2
Bromofluorobenzene	SURROGATE	1	166	1/2		
		* ·			Nila diferenti di Silata i Nila di kabasa se dina di	

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F4-4

Project Number: BANG FUELING AREA

Sample ID: 12397-15

Site / Project ID: LOCATION 4 4-6 FT DE

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 29-DEC-95							
Analysis Date: 29-DEC-95 14:16							
Workgroup Number: WG5339							
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	610	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	u .	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	Ú	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	Ú	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	Ü	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	Ü	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	Ü	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	Ū	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	ย	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	Ü	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	0	4.8	50 50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	Ü	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	Ü	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	Ū	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	125	1500	ug/Kg		94	630
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	Ü	5	500
Styrene	100-42-5	10	ND	ug/Kg	Ü	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND.	ug/Kg	Ū	6.3	50 50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	125	4100	ug/Kg		110	630

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F4-4

Project Number: BANG FUELING AREA Sample ID: L2397-15

Site / Project ID: LOCATION 4 4-6 FT DE

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5
Vinyl chloride	75-01-4	10	ND	ug/Kg	O	4.7
Xylene (Total)	1330-20-7	125	9100	ug/Kg		63
Dibromofluoromethane	SURROGATE	1	99	%		
Toluene-d8	SURROGATE	1	114	%		
4-Bromofluorobenzene	SURROGATE	1	118	%		

Review By: Ty Garber

⁻ U = Analyte Not Detected above the Method Detection Limit Qual

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F4-4

Project Number: BANG FUELING AREA

Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020	han ngini ngga nagada sinta ayar.	0.40, 53					
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 16:32							
Workgroup Number: WG5226 Benzene	71-43-2	425					
		125	614	ug/Kg		6.3	130
Ethylbenzene	100-41-4	125	2620	ug/Kg		9.9	130
Toluene	108-88-3	125	5300	ug/Kg		27	130
(m,p)-Xylene	108-38-3	125	13400	ug/Kg		37	250
o-Xylene	95-47-6	125	3310	ug/Kg		13	130
4-Bromofluorobenzene	SURROGATE	1	149	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 16:32							
Workgroup Number: WG5223							
GRO -	N/A	125	620	mg/Kg		6.3	13
Bromofluorobenzene	SURROGATE	1	149	%			
		·					
•							

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F5-0

Project Number: BANG FUELING AREA

Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 8240		ecen i					
Preparation Date: 27-DEC-95						11일 등 유통도 불학	gri.
Analysis Date: 27-DEC-95 15:22	(2) 10 시간 1	i religion y					er i vitet. Stitleres
Workgroup Number: WG5339							
Acetone	67-64-1						
Benzene	71-43-2	2	ND	ug/Kg	U		•
Bromodichloromethane	75-27-4		ND	ug/Kg	U	.78	
Bromoform	75-27-4 75-25-2	2	ND	ug/Kg	U	1	
Bromomethane		2	ND	ug/Kg	U	.93	
2-Butanone	74-83-9	2	ND	ug/Kg	U	.97	
Carbon disulfide	78-93-3	2	ND	ug/Kg	Ü		- 7
	75-15-0	2	ND	ug/Kg	U	1	7
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U		ijiya
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	Ü		
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U		
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	ט		
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	
1,1-Dichloroethane	75 -3 4-3	2	ND	ug/Kg	Ú	3.4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ü	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ü	1.1	
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	
2-Hexanone	591-78-6	2	ND	ug/Kg	Ú	1	1
Methylene chloride	75-09-2	2	ND	ug/Kg	Ü	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1-3	1
Styrene	100-42-5	2	ND	ug/Kg ug/Kg	U	1.4	
1,1,2,2-Tetrachioroethane	79-34-5	2	ND	ug/Kg	U	1.4	State (11 to 64)
Tetrachloroethene	127-18-4	2	ND ND	ug/Kg ug/Kg	Ü	1.3 .98	
Toluene	108-88-3	2	ND	ug/Kg ug/Kg	U	.98 1.7	

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Client ID: F5-0

Project Number: BANG FUELING AREA

Sample ID: L2397-18

Site / Project ID: LOCATION 5 0-2FT DEP

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	Ú	1	10
/inyl chloride	75-01-4	2	ND	ug/Kg	Ü	.94	4
(ylene (Total)	1330-20-7	2	ND	ug/Kg	U		10
oibromofluoromethane	SURROGATE	1	99	%			
foluene-d8	SURROGATE	1	92	%			
-Bromofluorobenzene	SURROGATE	1	109	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F5-0

Project Number: BANG FUELING AREA

Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 13:41							
Workgroup Number: WG5226							
Benzene	71-43-2	10	ND	ug/Kg	U	.5	10
Ethylbenzene	100-41-4	10	39.8	ug/Kg		.79	10
Toluene	108-88-3	10	18.8	ug/Kg		2.2	10
(m,p)-Xylene	108-38-3	10	48.8	ug/Kg		3	20
o-Xylene	95-47-6	10	102	ug/Kg		1	10
4-Bromofluorobenzene	SURROGATE	1	122	%			
SW846 Method 5030/8015M		14.5Vd			당하고 있는 사람이 있다. 사람들은 사람들은		
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 13:41							
Workgroup Number: WG5223		ene og e Og forsk					
GRO -	N/A	10	5.5	mg/Kg		.5	1
Bromofluorobenzene	SURROGATE	1	122	%			
				물리 : 이 1144 116을 됐습니			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit RL

Client ID: F5-4

Project Number: BANG FUELING AREA

Sample ID: L2397-19

Site / Project ID: LOCATION 5 4-6FT DEP

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		933 9339 - St					
Preparation Date: 29-DEC-95							
Analysis Date: 29-DEC-95 15:43							
Workgroup Number: WG5339							
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	390	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	ט		50
Bromoform	75-25-2	10	ND	ug/Kg	Ü	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	Ü	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	0	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4,4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	ט	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	Ū	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	Ü	5	100
Chloroform	67-66-3	10	ND	ug/Kg	ט	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	ט	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	ט	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	ប	21	50
1,1-Dichloroethene	75-35-4	10	ND .	ug/Kg	ប	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	Ū	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	Ü	5.5	50
Ethylbenzene	100-41-4	10	1900	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND.	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND.	ug/Kg	U	4.9	50
Toluene	108-88-3	125	7600	ug/Kg		110	630

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F5-4

Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report	Date:	08-JAN-96	
Keport	Date:	OO-JAN-YO	١.

1 1 1 7-1-1-1	74 55 /	40			gad less, filmse film i film film flatte. Til maam ett i 1114 af ilm ja sulassiti.		
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	dit.
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	المهاواة
Xylene (Total)	1330-20-7	125	18000	ug/Kg		63	
Dibromofluoromethane	SURROGATE	1	98	%			
Toluene-d8	SURROGATE	1	102	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4

Project Number: BANG FUELING AREA

Sample ID: L2397-19

Site / Project ID: LOCATION 5 4-6FT DEP

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020						
Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 12:44						
Workgroup Number: WG5227						
Benzene	71-43-2	1250	2530	ug/Kg	63	1300
Ethylbenzene	100-41-4	1250	8810	ug/Kg	99	1300
Toluene	108-88-3	1250	18000	ug/Kg	270	1300
(m,p)-Xylene	108-38-3	1250	44700	ug/Kg	370	2500
o-Xylene	95-47-6	1250	11200	ug/Kg	130	1300
4-Bromofluorobenzene	SURROGATE	1	127	%		
SW846 Method 5030/8015M						
Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 12:44						
Workgroup Number: WG5224					[발생물자 12] 경기 등 경기 등 경기 등 기계 등 수 있다. 	
GRO	N/A	1250	1300	mg/Kg	63	130
Bromofluorobenzene	SURROGATE	1 🤚	127	%		3 con 1
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Review By: Ty Garber

ND

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0

Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE

Run ID: R2912

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

Anatyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240	erf8ej80erf0851710-75588.bro.f0	Aut.					
Preparation Date: 29-DEC-95		uu venem Priivenska					
Analysis Date: 29-DEC-95 14:55		H.					
 1 in visit for any indicator in the later in the control of the cont							
Workgroup Number: WG5339		40					
Acetone	67-64-1	10	ND	ug/Kg	U	5	100
Benzene	71-43-2	10	300	ug/Kg		3.9	•
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	
Bromomethane	74-83-9	10	ND	ug/Kg	υ	4.9	1(
2-Butanone	78-93-3	10	ND	ug/Kg	ט	5	100
Carbon disulfide	75-15-0	10	ND	ug/Kg	ט	5	100
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	ט	14	
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	10
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	. 5	10
Chloroform	67-66-3	10	ND	ug/Kg	U	14	
Chloromethane	74-87-3	10	ND ND	ug/Kg	Ü	20	10
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	
1,1-Dichloroethane	75-34 - 3	10	. ND	ug/Kg	U	17	
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	υ	5.1	
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	ı
Ethylbenzene	100-41-4	10	750	ug/Kg		7.5	
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	50
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	50
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	
1,1,2,2-Tetrachloroethane	79-34-5	10	ND S	ug/Kg	Ū	6.3	
Tetrachloroethene	127-18-4	10	ND	ug/Kg	บ้	4.9	5
Toluene	108-88-3	125	3500	ug/Kg	renter bazarlaria Militaria	110	63

Review By: Ty Garber

⁻ U = Analyte Not Detected above the Method Detection Limit Qual

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F6-0

Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE

Run ID: R2912

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL RL
444-111	74 (4.0				
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17 50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12 50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2 50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5 50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7 20
Xylene (Total)	1330-20-7	125	13000	ug/Kg		63 630
Dibromofluoromethane	SURROGATE	1	92	%		뭐!! 우리 얼마 하는데 못 보고 없었다.
Toluene-d8	SURROGATE	1	99	%	. 아마이 바이 및 B. 1 - 1 - 1 - 1 - 1 - 1 - 1	
4-Bromofluorobenzene	SURROGATE	1	95	%		

Review By: Ty Garber

Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F6-0

Project Number: BANG FUELING AREA

Sample ID: L2397-22

Site / Project ID: LOCATION 6 0-2 FT DE

Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 22-DEC-95

	кероги	Date:	55-DEC-93				
Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RI
SW846 Method 5030/8020 Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 13:23							
Workgroup Number: WG5227							
Benzene	71-43-2	500	1660	ug/Kg		25	5
Ethylbenzene	100-41-4	500	6540	ug/Kg		40	
Toluene	108-88-3	500	11200	ug/Kg		110	5
(m,p)-Xylene	108-38-3	500	35700	ug/Kg		150	10
o-Xylene	95-47-6	500	9950	ug/Kg		51	5
4-Bromofluorobenzene	SURROGATE	1	136	%			
SW846 Method 5030/8015M Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 13:23 Workgroup Number: WG5224							
GRO	N/A	500	1640	mg/Kg		25	
Bromofluorobenzene	SURROGATE	1	136	%			
		:					

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F6-4

Project Number: BANG FUELING AREA

Sample ID: L2397-23

Site / Project ID: LOCATION 6 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dit	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 08:47							
Workgroup Number: WG5338							
Acetone	67-64-1	1	30	ug/Kg	3	.5	100
Benzene	71-43-2	1	2	ug/Kg	a a	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	ีย	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	Ú	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	บ	1.4	5
Chlorobenzene	108-90-7	1 33	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	ט	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1 (4)	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1 233	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1 🔆	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	-5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	Ü	1,7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	บ	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	Ü	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	ט	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	Ū	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	. 5	50
Styrene	100-42-5	1 💥	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	Ū	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	3.5	ug/Kg	J	.85	5

Review By: Ty Garber Report

Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F6-4

Project Number: BANG FUELING AREA
Sample ID: L2397-23
Site / Project ID: LOCATION 6 4-6 FT DE
Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

				50 (1) 3 (3) (3) (1) (1) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg U 1.7
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg U 1.2
Trichloroethene	79-01 - 6	1	ND	ug/Kg U .42
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg U ↓5
Vinyl chloride	75-01-4	1	ND	ug/Kg U .47
Xylene (Total)	1330-20-7	1	2.4	ug/Kg J5
Dibromofluoromethane	SURROGATE	1	105	%
Toluene-d8	SURROGATE	1	111	%
4-Bromofluorobenzene	SURROGATE	1	99	경하는 B y 경기에 대통해 있다. 나는 이 모든 것이 되었다.

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F6-4

Project Number: BANG FUELING AREA

Sample ID: L2397-23

Site / Project ID: LOCATION 6 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020		00088488				
Preparation Date: 20-DEC-95		akeanarij Jakaanarij				
Analysis Date: 20-DEC-95 13:00						
Workgroup Number: WG5226						
Benzene	71-43-2	1 1338900 1	7,42	ug/Kg	.05	
Ethylbenzene	100-41-4	1	1,86	ug/Kg	.079	1 1
Toluene	108-88-3	1	9,51	ug/Kg	.22	1
(m,p)-Xylene	108-38-3	1	5.45	ug/Kg	.3	2
o-Xyl ene	95-47-6	1	2.4	ug/Kg	1	1
4-Bromofluorobenzene	SURROGATE	1	92	% %		
SW846 Method 5030/8015M						
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 13:00						
Workgroup Number: WG5223						
GRO -	N/A	1	.15	mg/Kg	.05	.1
Bromofluorobenzene	SURROGATE	1	92	%		
	•					

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F7-0

Project Number: BANG FUELING AREA

Sample ID: L2397-26

Site / Project ID: LOCATION 7 0-2 FIDEP

Run ID: R2807

Collection Date: 13-DEC-95
Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							Territoria de la composición del composición de la composición dela composición de la composición de la composición de la composición del composición de la
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 08:08							
Workgroup Number: WG5338							
Acetone	67-64-1	1	45	ug/Kg	J	.5	100
Benzene	71-43-2	1	ND.	ug/Kg	Ü	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	Ū	.5	5
Bromoform	75-25-2	1	DN	ug/Kg	Ü	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	ϋ	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	Ü	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	Ū	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	Ü	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1 .	ND	ug/Kg	Ü	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	. 5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	Ü	1.7	5
1,2-Dichloroethane	107-06-2	1 .	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	u	.51	- 5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	ט	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	ט	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	บ	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL. - Method Reporting Limit

Client ID: F7-0

Project Number: BANG FUELING AREA

Sample ID: L2397-26

Site / Project ID: LOCATION 7 0-2 FIDEP

Run ID: R2807

Collection Date: 13-DEC-95
Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Co	nc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND		ug/Kg	U	1.7	301 - 134 - 134 - 135
1,1,2-Trichloroethane	79-00-5	1	ND.		ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND		ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND		ug/Kg	Ü	.,5	5
Vinyl chloride	75-01-4	1	ND.		ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	4.9	9	ug/Kg	j	5	5
Dibromofluoromethane	SURROGATE	1	97		%			
Toluene-d8	SURROGATE	1	86		%			
4-Bromofiuorobenzene	SURROGATE	1	95		%			

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F7-0

Project Number: BANG FUELING AREA

Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FIDEP
Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units Qua	l MDL	R
SW846 Method 5030/8020						
Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 10:43						
Workgroup Number: WG5227						
Benzene	71-43-2	1	2.5	ug/Kg	.05	
Ethylbenzene	100-41-4	1	2.91	ug/Kg	.079	
Toluene	108-88-3	1 :	5.87	ug/Kg	.22	
(m,p)-Xylene	108-38-3	1	16	ug/Kg	.3	
o-Xylene	95-47-6	1	5.97	ug/Kg	.1	
4-Bromofluorobenzene	SURROGATE	1	76	~9/\3 %	•	
		•				
SW846 Method 5030/8015M		- 6960 Novod				
Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 10:43						
Workgroup Number: WG5224						
GRO	N/A	1	.44	mg/Kg	.05	
Bromofluorobenzene	SURROGATE	1	76	7 , 3		
						fait.
		2-				
		1.				
		1				
		ĺ				
		::				

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F7-4

Project Number: BANG FUELING AREA

Sample ID: L2397-27

Site / Project ID: LOCATION 7 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		yasa aasa					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 07:29							
Workgroup Number: WG5338							
Acetone	67-64-1	1	14	ug/Kg	.	.5	100
Benzene	71-43-2	1	ND	ug/Kg	Ŭ	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	บั	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	Ü	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	ŭ	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	ับ	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	8	-5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	์ บ	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	Ü	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	Ü	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	Ü	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	บั	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	Ü	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U		5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	ט	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	Ū	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	บ	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	Ü	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	IJ	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	ט	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	ับ	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	Ú	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	Ü	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	บ	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	Ü	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	Ü	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	Ü	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	:ND	ug/Kg	U	-8 5	5

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor
ND - Sample Concentration No

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F7-4

Project Number: BANG FUELING AREA

Sample ID: L2397-27

Site / Project ID: LOCATION 7 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil s	ample Conc.	Units	Qual	MDL	1.85
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	
Trichloroethene	79-01-6	1	ND	ug/Kg	Ú	.42	
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	- 5	eli
Dibromofluoromethane	SURROGATE	1	99	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	85	%			1 18
				talist jamman järilliselli. Ajon tijoji jaman kikalini.			
			한 마이스 유로 등 기업이다. 트립 관련이 되었다.				
		449					20
-							

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL ND

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F7-4

Project Number: BANG FUELING AREA

Sample ID: L2397-27

Site / Project ID: LOCATION 7 4-6 FT DE

Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units Qua	l MDL	RL
SW846 Method 5030/8020						
Preparation Date: 20-DEC-95		404 I				
Analysis Date: 20-DEC-95 00:19						
Workgroup Number: WG5225						
Benzene	71-43-2	1	3.92	ug/Kg	.05	1
Ethylbenzene	100-41-4	1	4.23	ug/Kg	. 079	1
Toluene	108-88-3	1	6.85	ug/Kg	.22	1
(m,p)-Xylene	108-38-3	1	11.1	ug/Kg	.3	2
o-Xylene	95-47-6	1	4.07	ug/Kg	.1	1
4-Bromofluorobenzene	SURROGATE	1	89	%		
SW846 Method 5030/8015M						
Preparation Date: 20-DEC-95						
Analysis Date: 20-DEC-95 00:19						
Workgroup Number: WG5222						
GRO	N/A	1	.39	mg/Kg	.05	.1
Bromofluorobenzene	SURROGATE	1	89	%		da ib
		}				
		5				
		3				
		1				

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F9-0

Project Number: BANG FUELING AREA

Sample ID: L2397-34

Site / Project ID: LOCATION 9 0-2 FIDE

Run ID: R2823

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RI
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 06:11							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	U	4	2
Benzene	71-43-2	2	ND	ug/Kg	U	.78	
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U		
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	2
Carbon disulfide	75-15-0	2	ND	ug/Kg	U		
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ū	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	ט		
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U		
1,3-Dichlorobenzene	541-73-1	2	ND.	ug/Kg	U	1.1	
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	7. D.	
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	υ	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ü	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	
Ethylbenzene	100-41-4	2	ND	ug/Kg	Ü	1.5	
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	1
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	Ü	1	1
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F9-0

Project Number: BANG FUELING AREA

Sample ID: L2397-34

Site / Project ID: LOCATION 9 0-2 FTDE

Run ID: R2823

Collection Date: 13-DEC-95
Received Date: 15-DEC-95

Report Date: 09-JAN-96

Anatyte	CAS No.	Dil	Sam	ple Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2		ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2		ND	ug/Kg	Ú	2.5	10
Trichloroethene	79-01-6	2		ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2		ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2		ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2		ND	ug/Kg	Ü	1	10
Dibromofluoromethane	SURROGATE	1		96	%			
Toluene-d8	SURROGATE	1		94	%			
4-Bromofluorobenzene	SURROGATE	1		88	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F9-0

Project Number: BANG FUELING AREA

Sample ID: L2397-34

Site / Project ID: LOCATION 9 0-2 FTDE Run ID: 82823

Collection Date: 13-DEC-95

Received Date: 15-DEC-95
Report Date: 27-DEC-95

		Dil		418441 4 34 E8 30404116	aaliin saa ah a	er ee
Analyte	CAS No.	טונ	Sample Conc.	Units	Qual MDL	F
SW846 Method 5030/8020						
Preparation Date: 22-DEC-95						
Analysis Date: 22-DEC-95 11:01		빛의 그 옷				
Workgroup Number: WG5246						
Benzene	71-43-2	1	1.87	ug/Kg	.05	
Ethylbenzene	100-41-4	1	3.59	ug/Kg	- 079	
Toluene	108-88-3	1	12.1	ug/Kg	.22	
(m,p)-Xylene	108-38-3	1	14.5	ug/Kg	.3	
o-Xylene	95-47-6	1 %	5.47	ug/Kg	.1	
4-Bromofluorobenzene	SURROGATE	1	94	%		
SW846 Method 5030/8015M		178 A				
Preparation Date: 22-DEC-95	ver 140 mm i 15 mm 15 mm 15 mm Julius 13 il 18 mm i 15 mm i 15 mm i					
Analysis Date: 22-DEC-95 11:01					. 프로그램 등 경험하는 경험 기계 등 경험 등 경험 등 경험 등 기계 요즘 그렇게 되고 있는 것 같아 하게 하는 것이 되었다.	
Workgroup Number: WG5241						
GRO -	N/A	1	.26	mg/Kg	.05	
Bromofluorobenzene	SURROGATE	1	94	%		
					경찰은 아들은 대통하기 되는 다양하는	J.
		150				
		63 11				44
		1.5				

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F10-0

Project Number: BANG FUELING AREA

Sample ID: L2397-38

Site / Project ID: LOCATION 10 0-2 FTDE

Run ID: R2823

Collection Date: 13-DEC-95
Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 04:13							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	Ü		10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	Ü		200
Carbon disulfide	75-15-0	2	ND	ug/Kg	Ü		200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	Ü	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ü	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	ŭ	ij	10
Chloroethane	75-00-3	2	ND	ug/Kg	Ü		20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	Ŭ	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	Ü	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	บั	1	20 10
1.3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	Ŭ	1	10
1,4-Dichlorobenzene	106-46-7	2	ND ND	ug/Kg	Ü	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	Ü	3.4	10
1.2-Dichloroethane	107-06-2	2	ND	ug/Kg	บ	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	Ü	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ü	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ü	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	Ū	1.5	10
2-Hexanone	591-78-6	2	ND.	ug/Kg	Ü	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	บ	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	ט	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F10-0

Project Number: BANG FUELING AREA

Sample ID: L2397-38

Site / Project ID: LOCATION 10 0-2 FTDE Run ID: R2823

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

1-55-6				Aprilio de alteras de visita de	Corporation of the Corporation o
11 EE /		in a resident for a Problem in the Ad-		Mar ribbildədi ətləridə	
1-22-0	2	ND	ug/Kg	U	3.4
9-00-5	2	ND	ug/Kg	U	2.5
9-01-6	2	ND	ug/Kg	U	.84
5-69-4	2	ND	ug/Kg	Ú	
5-01-4	2	ND	ug/Kg	u	.94
330-20-7	2	ND	뭐 하나가 하다는 지하는 지하다.	Ü	
URROGATE	1	88	%		
URROGATE	1	94	%		gram e seminus se militares. Cuestas e forma e de disease e
URROGATE	1	99	%		
	URROGATE URROGATE	URROGATE 1 URROGATE 1	URROGATE 1 88 URROGATE 1 94	URROGATE 1 88 % URROGATE 1 94 %	URROGATE 1 88 % URROGATE 1 94 %

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F10-0

Project Number: BANG FUELING AREA

Sample ID: L2397-38

Site / Project ID: LOCATION 10 0-2 FIDE

Run ID: R2823

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020 Preparation Date: 22-DEC-95 Analysis Date: 22-DEC-95 12:21							
Workgroup Number: WG5246							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	1.53	ug/Kg		.079	
Toluene	108-88-3	1	2.08	ug/Kg		.22	
(m,p)-Xylene	108-38-3	1	3.76	ug/Kg		.3	
o-Xylene	95-47-6	1	2.27	ug/Kg		.1	
4-Bromofluorobenzene	SURROGATE	1	103	%			
SW846 Method 5030/8015M Preparation Date: 22-DEC-95 Analysis Date: 22-DEC-95 12:21 Workgroup Number: WG5241							
GRO -	N/A	1	.12	mg/Kg		.05	
Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F10-14

Project Number: BANG FUELING AREA

Sample ID: L2397-41

Site / Project ID: LOCATION 10 14-16FTD

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		88588s.					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 04:52							
Workgroup Number: WG5338							
Acetone	67-64-1	2	415				
Benzene	71-43-2	2	ND	ug/Kg	Ü		200
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	.78	10
Bromoform	75-27-4 75-25-2		ND	ug/Kg	U	1	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.93	10
2-Butanone		2	ND	ug/Kg	U	.97	20
Z-Butanone Carbon disulfide	78-93-3	2	ND	ug/Kg	บ	1	200
	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene Chlorodibromomethane	108-90-7	2	ND	ug/Kg	ប	.87	10
Chloroethane	124-48-1	2	ND	ug/kg	U	1	10
	75-00-3	2	ND	ug/Kg	Ū	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U		20
Chloroform	67-66-3	2	ND	ug/Kg	ט	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	υ		10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	υ		10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1/2	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3,4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	Ü	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ū	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	Ü	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2 .	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene .	108-88-3	2	ND	ug/Kg	U	1.7	10

Qual - U = Analyte Not Detected above the Method Detection Limit

Report Approved By: Randy Greaves

Review By: Ty Garber

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL ND

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F10-14

Project Number: BANG FUELING AREA

Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg		3.4 10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	ŭ	2.5 10
Trichloroethene	79-01-6	2	ND	ug/Kg	Ü	.84 10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	Ū	1 10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94 4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1 10
Dibromofluoromethane	SURROGATE	1	123	%		
Toluene-d8	SURROGATE	1	120	%		
4-Bromofluorobenzene	SURROGATE	1	110	%		1017-16-16-16-16-16-16-16-16-16-16-16-16-16-

Review	By:	Ty	Garber	
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Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

⁻ Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

⁻ Method Detection Limit MDL

RL - Method Reporting Limit

Client ID: F10-14

Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 5030/8020 Preparation Date: 20-DEC-95 Analysis Date: 20-DEC-95 21:19 Workgroup Number: WG5226							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	
Toluene	108-88-3	1	ND	ug/Kg	U	.22	
(m,p)-Xylene	108-38-3	1	3.03	ug/Kg		.3	
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	
4-Bromofluorobenzene	SURROGATE	1	94	%			
SW846 Method 5030/8015M Preparation Date: 20-DEC-95 Analysis Date: 20-DEC-95 21:19 Workgroup Number: WG5223							
GRO	N/A	1	ND	mg/Kg	U	.05	
Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit RL

Client ID: F11-0

Project Number: BANG FUELING AREA

Sample ID: L2397-42

Site / Project ID: LOCATION 11 0-2 FIDE

Run ID: R2823

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		Laista					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 05:31							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	ט	1	200
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	200 10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	ט	1	10
Bromoform	75-25-2	2	ND	ug/Kg	Ü	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg ug/Kg	U		200
Carbon disulfide	75-15-0	2	ND	ug/Kg ug/Kg	Ü		200
Carbon tetrachloride	56-23-5	2	ND.	ug/Kg	Ü	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg ug/Kg	Ü	2.7 .87	4 M J 1 B J 1 4 41
Chlorodibromomethane	124-48-1	2	ND ND	ug/kg ug/Kg	U	이 송화하는 이의 중국 교원이었다	10
Chloroethane	75-00-3	2	ND ND	ug/Kg ug/Kg	U		10
2-Chloroethyl vinyl ether	110-75-8	2	ND ND	ug/Kg ug/Kg	Ü	1.1	20
Chloroform	67-66-3	2	ND	ug/kg ug/Kg	ט	2.7	20
Chloromethane	74-87-3	2	ND ND	ug/kg ug/Kg			10
1,2-Dichlorobenzene	95-50-1	2	ND	C 4 P 6608140 VI - T 31 C	U	4	20
1,3-Dichlorobenzene	541-73-1	2	ND ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND ND	ug/Kg	U	1	10
1,2-Dichloroethane	107-06-2	2	ND ND	ug/Kg	U	3.4	10
1,1-Dichloroethene	75-35-4	2	ND ND	ug/Kg	U .	4.2	10
trans-1,2-Dichloroethene	156-60-5	2	ND ND	ug/Kg	U	.95	10
1,2-Dichloropropane	78-87-5	2	ND ND	ug/Kg	U	1.1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND ND	ug/Kg	U	1	10
trans-1,3-Dichloropropene	10061-01-5	2	ND ND	ug/Kg	0	1.6	10
Ethylbenzene	100-41-4	2	ND ND	ug/Kg	Ü	1.1	10
2-Hexanone	591-78-6	2	ND ND	ug/Kg	U	1.5	10
Methylene chloride	75-09-2	2		ug/Kg	U	1	100
4-Methyl-2-pentanone	108-10-1	2	ND NO	ug/Kg	U.	1.5	10
Styrene	100-42-5	2	ND ND	ug/Kg	U	1	100
1,1,2,2-Tetrachloroethane	79-34-5		ND ND	ug/Kg	U	1.4	10
Tetrachloroethene	79-34-5 127-18-4	2 2	ND ND	ug/Kg	U	1.3	10
Toluene	108-88-3		ND ND	ug/Kg	U	.98 _	10
rotuene	108-88-3	2	ND	ug/Kg	Ü	1.7	10

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F11-0

Project Number: BANG FUELING AREA

Sample ID: L2397-42

Site / Project ID: LOCATION 11 0-2 FIDE

Run ID: R2823

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

1,1,1-Trichloroethane 71-55-6 2 ND ug/Kg U 3.4 1,1,2-Trichloroethane 79-00-5 2 ND ug/Kg U 2.5 Trichloroethane 79-01-6 2 ND ug/Kg U .84 Trichlorofluoromethane 75-69-4 2 ND ug/Kg U 1 Vinyl chloride 75-01-4 2 ND ug/Kg U .94 Xylene (Total) 1330-20-7 2 ND ug/Kg U .1 Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 94 % 4-Bromofluorobenzene SURROGATE 1 94 %	Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	0.0
1,1,2-Trichloroethane 79-00-5 2 ND ug/Kg U 2,5 Trichloroethene 79-01-6 2 ND ug/Kg U .84 Trichlorofluoromethane 75-69-4 2 ND ug/Kg U 1 Vinyl chloride 75-01-4 2 ND ug/Kg U .94 Xylene (Total) 1330-20-7 2 ND ug/Kg U 1 Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 94 %	1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	
Trichloroethene 79-01-6 2 ND ug/Kg U 84 Trichlorofluoromethane 75-69-4 2 ND ug/Kg U 1 Vinyl chloride 75-01-4 2 ND ug/Kg U 1 Xylene (Total) 1330-20-7 2 ND ug/Kg U 1 Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 94 %	1,1,2-Trichloroethane	79-00-5	2	ND		이 바이랑 나 마실하게 됐다면 그 바이	Date of the second second	
Trichlorofluoromethane 75-69-4 2 ND ug/Kg U 1 Vinyl chloride 75-01-4 2 ND ug/Kg U 94 Xylene (Total) 1330-20-7 2 ND ug/Kg U 1 Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 94 %	Trichloroethene	79-01-6	2	ND	46 F. P. T. 145.		The state of the s	
Vinyl chloride 75-01-4 2 ND ug/Kg U .94 Xylene (Total) 1330-20-7 2 ND ug/Kg U 1 Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 .94 %	Trichlorofluoromethane	75-69-4	2	ND	1	U		
Xylene (Total) 1330-20-7 2 ND ug/Kg U 1 Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 94 %	Vinyl chloride	75-01-4	2	ND			94	ġ.
Dibromofluoromethane SURROGATE 1 101 % Toluene-d8 SURROGATE 1 94 %	Xylene (Total)	1330-20-7	2	ND	99/3/20 - 7/3/17ac	Ü		i A
Toluene-d8 SURROGATE 1 94 %	Dibromofluoromethane	SURROGATE	1	101				
	Toluene-d8	SURROGATE	1	94	Brutter (1997) by the first of the			inerio Silati
	4-Bromofluorobenzene	SURROGATE	1	94				
그는 그								50

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F11-0

Project Number: BANG FUELING AREA

Sample ID: L2397-42

Site / Project ID: LOCATION 11 0-2 FTDE

Run ID: R2823

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020		Medic e					
Preparation Date: 22-DEC-95		4800					
Analysis Date: 22-DEC-95 13:00							
Workgroup Number: WG5246		i gent i Najbek					
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	1.56	ug/Kg		.079	1
Toluene	108-88-3	1	1.72	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	3.32	ug/Kg		.3	2
o-Xylene	95-47-6	1	2,14	ug/Kg		Ĭ	1
4-Bromofluorobenzene	SURROGATE	1	104	%			
SW846 Method 5030/8015M		twitte.					
Preparation Date: 22-DEC-95		en Mi					
Analysis Date: 22-DEC-95 13:00							
Workgroup Number: WG5241							
GRO	N/A	1	.11	mg/Kg		.05	.,
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F11-4

Project Number: BANG FUELING AREA

Sample ID: L2397-43

Site / Project ID: LOCATION 11 4-6 FIDE

Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95 Report Date: 09-JAN-96

CAS No. Analyte Dil Sample Conc. Units Qual MDL SW846 Method 8240 Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 06:50 Workgroup Number: WG5338 Acetone 67-64-1 10 ND ug/Kg U 5 1000 Benzene 71-43-2 10 ND ug/Kg U 3.9 50 Bromodichloromethane 75-27-4 10 ND ug/Kg 11 5 50 Bromoform 75-25-2 10 ND u ug/Kg 4.7 50 Bromomethane 74-83-9 10 ND U ug/Kg 4.9 100 2-Butanone 78-93-3 10 ND ug/Kg U 5 1000 Carbon disulfide 75-15-0 10 ND U ug/Kg 5 1000 Carbon tetrachloride 56-23-5 10 ND U 14 ug/Kg 50 Chlorobenzene 108-90-7 10 ND 11 50 ug/Kg 4.4 Chlorodibromomethane 124-48-1 10 ND ug/Kg U 5 50 Chloroethane 75-00-3 10 ND ug/Kg u 5.4 100 2-Chloroethyl vinyl ether 110-75-8 10 ND ug/Kg U 5 100 Chloroform 67-66-3 10 ND Ü ug/Kg 14 50 74-87-3 Chloromethane 10 ND ug/Kg н 20 100 1,2-Dichlorobenzene 95-50-1 10 ND ug/Kg U 5 50 1,3-Dichlorobenzene 541-73-1 10 ND U 5 ug/Kg 50 1,4-Dichlorobenzene 106-46-7 10 ND u 5 ug/Kg 50 1,1-Dichloroethane 75-34-3 10 ND H 17 ug/Kg 50 107-06-2 1,2-Dichloroethane 10 ND 21 ug/Kg U 50 1,1-Dichloroethene 75-35-4 10 ND ug/Kg u 4.8 50 trans-1,2-Dichloroethene 156-60-5 10 ND U 5.5 50 ug/Kg 1,2-Dichloropropane 78-87-5 10 ND ug/Kg U 5.1 50 cis-1,3-Dichloropropene 10061-01-5 10 ND ug/Kg U 7.8 50 trans-1,3-Dichloropropene 10061-02-6 10 ND U 5.5 ug/Kg 50 Ethylbenzene 100-41-4 10 60 ug/Kg 7.5 50 2-Hexanone 591-78-6 10 ND Ü ug/Kg 5 500 Methylene chloride 75-09-2 10 ND ug/Kg U 7.5 50 4-Methyl-2-pentanone 108-10-1 10 ND ug/Kg U 500 5 Styrene 100-42-5 10 ND 7.2 ug/Kg 50 1,1,2,2-Tetrachloroethane 79-34-5 10 ND ug/Kg U 6.3 50

Review By: Ty Garber Report A

Report Approved By: Randy Greaves

10

10

ND

ug/Kg

ug/Kg

U

4.9

8.5

50

50

127-18-4

108-88-3

Tetrachloroethene

Toluene

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F11-4

Project Number: BANG FUELING AREA

Sample ID: L2397-43

Site / Project ID: LOCATION 11 4-6 FIDE

Run ID: R2807

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample	conc.	Units	Qual	MDL	RI
1,1,1-Trichloroethane	71-55-6	10		ND	ug/Kg	U	17	
1,1,2-Tríchloroethane	79-00-5	10		ND	ug/Kg	U	12	
richloroethene	79-01-6	10		ND	ug/Kg	U	4.2	
richlorofluoromethane	75-69-4	10		ND	ug/Kg	Ü	5	
inyl chloride	75-01-4	10		ND	ug/Kg	Ū	4.7	
ylene (Total)	1330-20-7	10		530	ug/Kg		5	
ibromofluoromethane	SURROGATE	1		98	%			
oluene-d8	SURROGATE	1		79	%			
-Bromofluorobenzene	SURROGATE	1		97	%			
-								
-								Ç.

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Oil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F11-4

Project Number: BANG FUELING AREA

Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units Qual	MDL	RL
SW846 Method 5030/8020 Preparation Date: 21-DEC-95						
Analysis Date: 21-DEC-95 14:02						
Workgroup Number: WG5227						
Benzene	71-43-2	500	885	ug/Kg	25	500
Ethylbenzene	100-41-4	500	2050	ug/Kg	40	500
Toluene	108-88-3	500	5700	ug/Kg	110	500
(m,p)-Xylene	108-38-3	500	7210	ug/Kg	150	1000
o-Xylene	95-47-6	500	2250	ug/Kg	51	500
4-Bromofluorobenzene	SURROGATE	1	128	%		
SW846 Method 5030/8015M			- 10일 대한 기계 등 1일 시간 (1) - 10일 대한 기계 등 1일 시간			
Preparation Date: 21-DEC-95			중 경기 - 그런 1년 1일 중에 기다. 그림 - 그 - 그런 1일 하시다. 그리고			
Analysis Date: 21-DEC-95 14:02						
Workgroup Number: WG5224						
GRO	N/A	500	605	mg/Kg	25	50
Bromofluorobenzene	SURROGATE	1	128	%		

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: 951213-02

Project Number: BANG FUELING AREA

Sample ID: L2397-46

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 13-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		ili Sigir Ng					
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 16:55							
Workgroup Number: WG5333							
Acetone	67-64-1	1	20	ug/L	J	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	Ū	.5	100
Acrolein	107-02-8	1	ND	ug/L	บ	.5	100
Acrylonitrile	107-13-1	1 🦸	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	ีย	.5	5
Benzene	71-43-2	1	ND	ug/L	บ	.39	5
Benzyl chloride	100-44-7	1 30	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	Ū	.49	10
2-Butanone	78-93-3	1	ND	ug/L	Ū	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1 🖔	ND	ug/L	Ü	.44	5
Chlorodibromomethane	124-48-1	1 💮	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	ט	.,5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	Ü	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1 🛞	ND	ug/L	บ	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	Ü	.78	5

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: 951213-02

Project Number: BANG FUELING AREA

Sample ID: 12397-46

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 13-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	
Ethylbenzene	100-41-4	1	2	ug/L		.75	
Ethyl methacrylate	97-63-2	1	ND	ug/L	Ü	.5	
2-Hexanone	591-78-6	1	ND ND	ug/L	U	.5	, G
Isobutyl alcohol	78-83-1	1	ND ND	ug/L	Ü	. 5	
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	Ü	.75	
Methyl iodide	74-88-4	1	ND	ug/L	Ü	.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	Ū	.5	
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	Ŭ	.5	
Pentachloroethane	76-01-7	1	ND	ug/L	Ū	.5	
Propionitrile	107-12-0	1	ND	ug/L	Ü	.5	
Styrene	100-42-5	1	ND	ug/L	Ŭ	.72	ġ.
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	Ū	.45	Š.
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	Ū	.63	
Tetrachloroethene	127-18-4	1	ND.	ug/L	Ū	.49	1.33
Toluene	108-88-3	1	7	ug/L		-85	74,
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	Ū	1.2	9.3
Trichloroethene	79-01-6	1	ND	ug/L	Ü	.42	
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	
Vinyl chloride	75-01-4	1	ND	ug/L	บ	.47	
Xylene (Total)	1330-20-7	1	18	ug/L		.5	
Dibromofluoromethane	SURROGATE	1	99	%			
Toluene-d8	SURROGATE	1	104	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: 951213-02

Project Number: BANG FUELING AREA

Sample ID: L2397-46
Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 13-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 14:48							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	4
Ethylbenzene	100-41-4	1	1.56	ug/L		.079	1
Toluene	108-88-3	1	1.68	ug/L		.22	1
(m,p)-Xylene	108-38-3	1	5.22	ug/L		.3	2
o-Xylene	95-47-6	1	3.26	ug/L		.1	1
4-Bromofluorobenzene	SURROGATE	1	74	%			
SW846 Method 5030/8015 Mod.		20.44.73					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 14:48							
Workgroup Number: WG5258							
GRO	N/A	1	.24	mg/L		.05	.1
Bromofluorobenzene	SURROGATE	1	74	%			

Review By: Ty Garber

ND

al - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK

Project Number: BANG FUELING AREA

Sample ID: L2397-47

Site / Project ID: TRIP BLANK
Run ID: R2839

Collection Date: 12-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		Distri					
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 16:16							
Workgroup Number: WG5333							
Acetone	67-64-1	4	ND				
Acetonitrile	75-05-8	1	ND ND	ug/L	U	.5	10
Acrolein	107-02-8	1	ND	ug/L	U	.5	16
Acrylonitrile	107-13-1	1	어떻게 하는데 하는데 하는데 그 아들은 그릇은	ug/L	U	.5	10
Allyl chloride	107-15-1	1	ND	ug/L	U	.5	10
Benzene	71-43-2	1	ND	ug/L	Ü	.5	
Benzyl chloride	100-44-7	1	ND	ug/L	Ü	.39	
Bromodichloromethane		1	ND	ug/L	U	.5	10
Bromoform	75-27-4 75-25-2	1	ND	ug/L	Ú	64	
Bromomethane		1	ND	ug/L	υ	.47	
2-Butanone	74-83-9	1	ND	ug/L	U	.49	
Carbon disulfide	78-93-3	1	ND .	ug/L	Ü	.5	10
Carbon disulfide	75-15-0	1	ND	ug/L	ป	.5	10
Chlorobenzene	56-23-5	1	ND	ug/L	U	1.4	
Chlorodibromomethane	108-90-7	1	ND	ug/L	U	.44	
	124-48-1	1	ND	ug/L	U	.5	
Chloroethane	75-00-3	1	ND	ug/L	U	.54	
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	
Chloroform	67-66-3	1	ND	ug/L	U	1.4	
Chloromethane	74-87-3	1	ND	ug/L	U	2	1
Chloroprene	126-99-8	1	ND	ug/L	U	.5	
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	10
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	
1,4-Dichloro-2-butene	764-41-0	f	ND	ug/L	υ	.5	10
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	
1,2-Dichloroethane	107-06-2	1	ND	ug/L	บ	2.1	
1,1-Dichloroethene	75-35-4	1	ND	ug/L	Ü	. 48	
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	
1,2-Dichloropropane	78-87-5	1	ND	ug/L	Ü	.51	
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	

Review By: Ty Garber Report Approved By: Randy Greaves

⁻ U = Analyte Not Detected above the Method Detection Limit Qual

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK

Project Number: BANG FUELING AREA

Sample ID: L2397-47

Site / Project ID: TRIP BLANK

Run ID: R2839

Collection Date: 12-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	
2-Hexanone	591-78-6	1 🔃	ND	ug/L	ט	.5	5
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	10
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	10
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1 🐧	ND	ug/L		.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	5
Pentachloroethane	76-01-7	1	ND	ug/L	ប	.5	1
Propionitrile	107-12-0	1	ND	ug/L	U	.5	10
Styrene	100-42-5	1	ND	ug/L	U	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	ט	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	ט	.63	
Tetrachloroethene	127-18-4	1 1,	ND	ug/L	Ŭ	.49	
Toluene	108-88-3	1	ND	ug/L	ט	.85	
1,1,1-Trichloroethane	71-55-6	1	ND ND	ug/L	ט	1.7	
1,1,2-Trichloroethane	79-00-5	1 🐇	ND	ug/L	Ü	1.2	
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	ט	.5	5
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	
Dibromofluoromethane	SURROGATE	1 .	100	%			
Toluene-d8	SURROGATE	1 📝	109	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK

Project Number: BANG FUELING AREA

Sample ID: L2397-47

Site / Project ID: TRIP BLANK

Run ID: R2839

Collection Date: 12-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020 Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 16:48 Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	4
Ethylbenzene	100-41-4	1	ND	ug/L	. U	.079	
Toluene	108-88-3	1	ND	ug/L	Ü	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	U	.3	2
o-Xylene	95-47-6	1	ND	ug/L	Ū	1	· • • • • • • • • • • • • • • • • • • •
4-Bromofluorobenzene	SURROGATE	1	101	%			
SW846 Method 5030/8015 Mod.		Salt Si					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:48							
Workgroup Number: WG5258							
GRO -	N/A	1	ND	mg/L	ט	.05	1
Bromofluorobenzene	SURROGATE	1	101	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F15-0

Project Number: BANG FUELING AREA

Sample ID: L2397-48

Site / Project ID: LOCATION 15 0-2 FT D

Run ID: R2823

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 02:49							
Workgroup Number: WG5336							
Acetone	67-64-1	2	98	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U		10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	Ü	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	บ	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	ט	4	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg 🕔	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	ט	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U		10
1,3-Dichlorobenzene	541 <i>-7</i> 3-1	2	ND	ug/Kg	U		10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	ט	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	υ	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U.	4.2	10
1,1-Dichloroethene	75-35-4	2	ND ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND ND	ug/Kg	บ	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1_1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND ND	ug/Kg	Ü	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor
ND - Sample Concentration No

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F15~0

Project Number: BANG FUELING AREA

Sample ID: L2397-48

Site / Project ID: LOCATION 15 0-2 FT D Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

1,1,1-Trichloroethane	71-55-6	2	**************************************	VD.	ug/Kg	U	3.4	
1,1,2-Trichloroethane	79-00-5	2	and a support and Nice	₩D	ug/Kg	Ü	2.5	5
Trichloroethene	79-01-6	2	 34.13 (1.664) (4.675) [3]. 	٧D	ug/Kg	บั	.84	tuur See
Trichlorofluoromethane	75-69-4	2	 Virilitational addata sub- 	√D	ug/Kg	Ü		
Vinyl chloride	75-01-4	2		₹ D	ug/Kg	Ü	.94	MS
Xylene (Total)	1330-20-7	2	The second of the second	5.3	ug/Kg		1	
Dibromofluoromethane	SURROGATE	1		118	%			
Toluene-d8	SURROGATE	1		100	%			480)
4-Bromofluorobenzene	SURROGATE	1	The standard of the standard o	104	%			
							MANAPATAN DARAH Manapatan	

Review By: Ty Garber

ND

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F15-0

Project Number: BANG FUELING AREA

Sample ID: L2397-48

Site / Project ID: LOCATION 15 0-2 FT D

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020	, d. Provedicija i oberticija or					
Preparation Date: 22-DEC-95						
Analysis Date: 22-DEC-95 13:41						
Workgroup Number: WG5246					: [1] : [1] : [2]	
Benzene	71-43-2	1	2.1	ug/Kg	.05	
Ethylbenzene	100-41-4	1	1.79	ug/Kg	.079	
Toluene	108-88-3	1	1.74	ug/Kg	.22	1
(m,p)-Xylene	108-38-3	1	5.7	ug/Kg	3	2
o-Xylene	95-47-6	1	1.95	ug/Kg		1
4-Bromofluorobenzene	SURROGATE	1	74	%		
SW846 Method 5030/8015M		34. 88t				
Preparation Date: 22-DEC-95						
Analysis Date: 22-DEC-95 13:41						
Workgroup Number: WG5241						
GRO	N/A	1	.17	mg/Kg	.05	.1
Bromofluorobenzene	SURROGATE	1	74	""5/ "S		
57 Onlor Edor Obertzerie	oonnour L	•				

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F15-9

Project Number: BANG FUELING AREA

Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D

Run ID: R2807

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 02:10							Exa.?
Workgroup Number: WG5336		gillo di Lini Matau					
Acetone	67-64-1	2	20	ug/Kg		1	Z
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	
Bromodichloromethane	75-27-4	2	ND	ug/Kg ug/Kg	U U	./0	
Bromoform	75-25-2	2 /	ND ND	ug/Kg ug/Kg	U U	-93	
Bromomethane	74-83-9	2	ND ND	ug/Kg ug/Kg	Ü		
2-Butanone	78-93-3	2	ND			.97	
Carbon disulfide	75-15-0.	2	ND	ug/Kg	U		1
Carbon tetrachloride	56-23-5	2	ND ND	ug/Kg	U		7
Chlorobenzene	108-90-7	2	ND ND	ug/Kg	U	2.7	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü	.87	
Chloroethane	75-00-3	2	ND ND	ug/Kg	U		
2-Chloroethyl vinyl ether	110-75-8	2	ND ND	ug/Kg	U	1.1	
Chloroform	67-66-3	2	ND	ug/Kg	U		
Chloromethane	74-87-3	2	ND ND	ug/Kg	U	2.7	
1,2-Dichlorobenzene	95-50-1	2	ND ND	ug/Kg	Ü	4	
1,3-Dichlorobenzene	541-73-1	2	ND ND	ug/Kg ug/Kg	U U	1 1	
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg ug/Kg	Ü	항로 보석하여 하는데 기계하다 보고 있	
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg ug/Kg	U	. 1	
1,2-Dichloroethane	107-06-2	2	ND ND	ug/Kg ug/Kg	Ü	3.4	
1,1-Dichloroethene	75-35-4	2	ND		249375 (Feb. 1483397) 146	4.2	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	.95	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1.1	1 11 11 11 11 11
cis-1,3-Dichloropropene	10061-01-5	2	ND ND	ug/Kg ug/Kg	U U	1	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.6	
Ethylbenzene	100-41-4	2	ND	ug/Kg ug/Kg	U	1.1	
2-Hexanone	591-78-6	2	ND	ug/Kg ug/Kg	U	1.5 1	
Methylene chloride	75-09-2	2	ND	ug/Kg ug/Kg	Ü	su Tukan Bungabat di Princes	1
4-Methyl-2-pentanone	108-10-1	2	ND ND	ug/Kg ug/Kg	U	1.5 1	
Styrene	100-42-5	2	ND	ug/Kg ug/Kg	U		1
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg ug/Kg	U	1.4	
Tetrachloroethene	127-18-4	2	ND ND	ug/Kg ug/Kg	บ	1.3 .98	
Toluene	108-88-3	2	ND	ug/Kg ug/Kg	U	.98 1.7	

Report Approved By: Randy Greaves Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F15-9

Project Number: BANG FUELING AREA

Sample ID: L2397-50

Site / Project ID: LOCATION 15 9-11FT D

Run ID: R2807

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Samp	le Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2		ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2		ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2		ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2		ND	ug/Kg	บ	s farit, 1 30.	10
Vinyl chloride	75-01-4	2		ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2		ND	ug/Kg	U		10
Dibromofluoromethane	SURROGATE	1		108	%			
Toluene-d8	SURROGATE	1	3 - VEV. 1	94	%			
4-Bromofluorobenzene	SURROGATE	1		91	%			
				\$1.5x60.3x40.537374				dir an 1887 (17.8)

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

ND

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F15-9

Project Number: BANG FUELING AREA

Sample ID: L2397-50

Site / Project ID: LOCATION 15 9-11FT D

Run ID: R2807

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 22-DEC-95

	CAS No.	Dit	Sample Conc.	Units	Qual	MDL	R
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 11:22							
Workgroup Number: WG5227							
Benzene	71-43-2	1 2*	ND	ug/Kg	U	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	
Toluene	108-88-3	1	1.5	ug/Kg		.22	
(m,p)-Xylene	108-38-3	1	2.92	ug/Kg		.3	
o-Xylene	95-47-6	1	ND	ug/Kg	ט	Ĭ	Say M.
4-Bromofluorobenzene	SURROGATE	1	107	%			
Analysis Date: 21-DEC-95 11:22 Workgroup Number: WG5224							
Workgroup Number: WG5224 GRO -	N/A SUDDOCATE	1	.11	mg/Kg		.05	
Workgroup Number: WG5224	N/A Surrogate	1 1	.11 107	mg/Kg %		.05	
Workgroup Number: WG5224 GRO -	-	1 1		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1 2		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1 2		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1 2		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1 2		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1 2		 4. P. M. G. G.		.05	
Workgroup Number: WG5224 GRO -	-	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		 4. P. M. G. G.		.05	

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F16-0

Project Number: BANG FUELING AREA

Sample ID: L2397-52

Site / Project ID: LOCATION 16 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dit S	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240	omislikaking						
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 16:32					ing and a time of the second o		
Workgroup Number: WG5337							
Acetone	67-64-1	2	26	ug/Kg	i i	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	Ū	ĭ	10
Bromoform	75-25-2	2	ND	ug/Kg	ិ ខាត់ ម៉ា	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	ับ	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	Ū	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	Ū	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U		10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	ט	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	Ü	4	20
1,2-Dichlorobenzene	95 - 50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	ט	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	ย	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3,4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	Ü	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ü	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	6	ug/Kg	J	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	Ü	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	บ	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F16-0

Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3,4
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94
Xylene (Total)	1330-20-7	2	54	ug/Kg		1
Dibromofluoromethane	SURROGATE	1	93	%		
Toluene-d8	SURROGATE	1	91	%		
4-Bromofluorobenzene	SURROGATE	1	93	Ý		

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F16-0

Project Number: BANG FUELING AREA

Sample ID: L2397-52

Site / Project ID: LOCATION 16 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95
Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020						
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 10:59						
Workgroup Number: WG5247						
Benzene	74 /7 3					
	71-43-2	1	1.53	ug/Kg	.05	1
Ethylbenzene	100-41-4	1	4.59	ug/Kg	.079	1
Toluene	108-88-3	1	3.58	ug/Kg	.22	1
(m,p)-Xylene	108-38-3	1	38.5	ug/Kg	.3	2
o-Xylene	95-47-6	1	3.7	ug/Kg	.1	. 1
4-Bromofluorobenzene	SURROGATE	1	59	%		
SW846 Method 5030/8015M		richody. Kultos				
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 10:59						
Workgroup Number: WG5242						
GRO -	N/A	1	.38	mg/Kg	.05	
Bromofluorobenzene	SURROGATE	1	59	%		
			발표를 되었다. 함께를			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F16-4

Project Number: BANG FUELING AREA

Sample ID: L2397-53

Site / Project ID: LOCATION 16 4-6 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil Sa	imple Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 00:52							
Workgroup Number: WG5336							
Acetone	67-64-1	2	ND	ug/Kg	Ú	1	20
Benzene	71-43-2	2	ND	ug/Kg	บ	.78	
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	2
Carbon disulfide	75-15-0	2	ND	ug/Kg	U		2
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U ···	2.7	
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü	i	
Chloroethane	75-00-3	2	ND	ug/Kg	บ	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1.	
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	ט	4	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U		
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	ំប	3.4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ü	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ü	1.1	
Ethylbenzene	100-41-4	2	ND	ug/Kg	ט	1.5	
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	1
Methylene chloride	75-09-2	2	ND	úg/Kg	0	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	1
Styrene .	100-42-5	2	ND	ug/Kg	U	1.4	
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	υ	1.3	
Tetrachloroethene	127-18-4	2	-ND	ug/Kg	υ	.98	
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F16-4

Project Number: BANG FUELING AREA

Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4 10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5 10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84 10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1 10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94 4
Xylene (Total)	1330-20-7	2	5.7	ug/Kg		1 10
Dibromofluoromethane	SURROGATE	1	110	%		
Toluene-d8	SURROGATE	1	100	%		
4-Bromofluorobenzene	SURROGATE	1	91	22		

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F16-4

Project Number: BANG FUELING AREA

Sample ID: L2397-53

Site / Project ID: LOCATION 16 4-6 FIDE

Run ID: R2823

Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 20:50							
Workgroup Number: WG5244		afisisy Tanga					
Benzene Waszas	71-43-2	4	ND				
		1		ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	-079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	2.67	ug/Kg		.3	2
o-Xylene	95-47-6	1	2.82	ug/Kg		1	1
4-Bromofluorobenzene	SURROGATE	1	104	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 20:50							
Workgroup Number: WG5240							
GRO -	N/A	1	.17	mg/Kg		.05	1
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

F17-0 Client ID:

Project Number: BANG FUELING AREA

> Sample ID: L2397-56

Site / Project ID: LOCATION 17 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil S	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95						사람들이의 사람,	
Analysis Date: 27-DEC-95 23:34						finis design in the Militari sike da distri	
Workgroup Number: WG5336							
Acetone	67-64-1	2	29	ug/Kg		4	200
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	Ŭ	· · · · · · · · · · · · · · · · · · ·	10
Bromoform	75-25-2	2	ND	ug/Kg	Ü	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	Ü	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	Ŭ	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	Ü		200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	Ū	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ü	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ŭ	Ĭ	10
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	บ		20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	Ū	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	ับ		10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	Ü	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U.	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	บ	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	Ü	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND .	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	Ū	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	Ū	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ū	1.1	10
Ethylbenzene	100-41-4	2	3.8	ug/Kg	J	15	10
2-Hexanone	591-78-6	2	ND	ug/Kg	Ü	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	ט	1	100
Styrene	100-42-5	2	ND	ug/Kg	Ü	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	Ū	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	5.8	ug/Kg	J	1.7	10

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F17-0

Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95 Report Date: 09-JAN-96

				그리는 항문 회사 시민들은 바다 하는 것이 모든 말을 다 먹다고
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg U 3.4
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg U 2.5
Trichloroethene	79-01-6	2	ND	ug/Kg U "84
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg U 1
Vinyl chloride	75-01-4	2	ND	ug/Kg U .94
Xylene (Total)	1330-20-7	2	67	ug/Kg
Dibromofluoromethane	SURROGATE	1	102	
Toluene-d8	SURROGATE	1	85	X
4-Bromofluorobenzene	SURROGATE	1	104	

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit - Method Reporting Limit

Client ID: F17-0

Project Number: BANG FUELING AREA

Sample ID: L2397-56

Site / Project ID: LOCATION 17 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual MDL	RL
SW846 Method 5030/8020	tana (Jawa 1957)	J. Filter				
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 11:38						
Workgroup Number: WG5247						
Benzene	71-43-2	1	2.6	ug/Kg	.05	1
Ethylbenzene	100-41-4	1	14	ug/Kg	.079	1
Toluene	108-88-3	1	4.31	ug/Kg	.22	
(m,p)-Xylene	108-38-3	1	43.4	ug/Kg	.3	2
o-Xylene	95-47-6	1	12.2	ug/Kg	Ä	1
4-Bromofluorobenzene	SURROGATE	1	89	% %		
		•				
SW846 Method 5030/8015M						
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 11:38						
Workgroup Number: WG5242		104				
GRO -	N/A	1	1.26	mg/Kg	.05	.1
Bromofluorobenzene	SURROGATE	1	89	%		
•						
			 A Lucio COSC 1965 - A Society Cost Line Studies 	ateur (4.1 - 1.168, 1.166, 191, 196, 191, 191, 19		

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor
ND - Sample Concentration No

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F20-0

Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 8240		ji jan s					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 15:54							
Workgroup Number: WG5337							
Acetone	67-64-1	2	30	ug/Kg		1	2
Benzene	71-43-2	2	20	ug/Kg		.78	•
Bromodichloromethane	75-27-4	2	ND	ug/Kg	Ü	Ĭĭ	
Bromoform	75-25-2	2	ND	ug/Kg	Ŭ	.93	
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	2
Carbon disulfide	75-15-0	2	ND	ug/Kg	ŭ		2
Carbon tetrachloride	56-23-5	2	ND ND	ug/Kg ug/Kg	Ü	2.7	٢
Chlorobenzene	108-90-7	2 -	ND	ug/Kg	Ü	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg ug/Kg	U	••/ 1	
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND ND	ug/Kg ug/Kg	Ü	1	
Chloroform	67-66-3	2	ND	ug/Kg	й	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	Ü	4	
1,2-Dichlorobenzene	95-50-1	2	ND ND	ug/Kg	Ü		
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	Ü		
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg ug/Kg	Ü		
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	Ü	3.4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	Ü	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	Ü	1.1	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	Ü	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND.	ug/Kg	Ü	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ü	1.1	
Ethylbenzene	100-41-4	2	56	ug/Kg		1.5	
2-Hexanone	591-78-6	2	ND	ug/Kg	Ü	1.7	11
Methylene chloride	75-09-2	2	ND	ug/Kg	Ú	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1-2	11
Styrene	100-42-5	2	ND	ug/Kg	Ü	1.4	
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	บ	1.3	
Tetrachloroethene	127-18-4	2	ND	ug/Kg	Ú	.98	
Toluene	108-88-3	2	53	ug/Kg ug/Kg		1.7	

Review By: Ty Garber

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0

Project Number: BANG FUELING AREA

Sample ID: L2397-58

Site / Project ID: LOCATION 20 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
4.4.5.11							
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	Ú	2.5	10
Trichloroethene	79-01-6	2	ND ND	ug/Kg	Ü	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	260	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	113	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F20-0

Project Number: BANG FUELING AREA

Sample ID: L2397-58

Site / Project ID: LOCATION 20 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95
Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units Qu	al MDL	RL
SW846 Method 5030/8020		작 급				
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 13:37						
Workgroup Number: WG5247						a in the same Material de
Benzene	71-43-2	125	875	ug/Kg	6.3	130
Ethylbenzene	100-41-4	125	973	ug/Kg	9.9	13
Toluene	108-88-3	125	353	ug/Kg	27	131
(m,p)-Xylene	108-38-3	125	3670	ug/Kg	37	25
o-Xyl ene	95-47-6	125	1360	ug/Kg	13	13
4-Bromofluorobenzene	SURROGATE	1	116	%		
SW846 Method 5030/8015M						
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 13:37						
Norkgroup Number: WG5242						
GRO -	N/A	125	170	mg/Kg	6.3	1:
Bromofluorobenzene	SURROGATE	1	116	%		
•						
			일시되다 경기 이 스타			
				A R. GOLDEN, T. 1944 ST. 1887 March 1971 C.		ing starting.

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F20-4

Project Number: BANG FUELING AREA

Sample ID: L2397-59

Site / Project ID: LOCATION 20 4-6 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dīl	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 06:03						내 시청, 가능하	
Workgroup Number: WG5336							
Acetone	67-64-1	2	ND				
Benzene	71-43-2	2		ug/Kg	U		200
Bromodichloromethane	71-43-2 75-27-4	2	ND ND	ug/Kg	U	.78	10
Bromoform	75-25-2	2	ND	ug/Kg	U		10
	75-25-2 74-83-9	2	ND	ug/Kg	U	.93	10
Bromomethane			ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	Ü		200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U		200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	Ü	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	Ü		10
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U		10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	Ü	1.1	10
1,2-Dichloropropane	78-87- 5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	Ü	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	Ū	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	Ü	1	100
Styrene	100-42-5	2	ND	ug/Kg	Ü	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	ับ	.98	10
Toluene	108-88-3	2	ND	ug/Kg	Ü	1.7	10

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4

Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

				wedan firat		
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4
1,1,2-Trichloroethane	79-00-5	2	ND ND	ug/Kg	Ü	2.5
Trichloroethene	79-01-6	2	ND	ug/Kg	U	-84
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	
Vinyl chloride	75-01-4	2	ND	ug/Kg	Ü	.94
Xylene (Total)	1330-20-7	2	ND	ug/Kg	and the second	
Dibromofluoromethane	SURROGATE	1	112	%		
Toluene-d8	SURROGATE	1	104	%		
4-Bromofluorobenzene	SURROGATE	1	102	2		

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4

Project Number: BANG FUELING AREA

Sample ID: L2397-59

Site / Project ID: LOCATION 20 4-6 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95		100					
Analysis Date: 21-DEC-95 18:48							
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	
Toluene	108-88-3	1	ND	ug/Kg	Ū	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	107	%			
Bromofluorobenzene	N/A SURROGATE	1	.11 107	mg/Kg ø		.05	.1
Workgroup Number: WG5240 GRO	BACAT BACA A MABINATA SANTA SERVIA: NIZA	1 (1987)					
Bromofluorobenzene	SURROGATE	1	107	%			
					gradi (100 geletiera) Lie destinai (100 gele		
		:					
		2					
		:					
		4					

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F18-0

Project Number: BANG FUELING AREA

Sample ID: L2397-79

Site / Project ID: LOCATION 18 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		iili					
Preparation Date: 28-DEC-95		74 - I					
Analysis Date: 28-DEC-95 17:12							
Workgroup Number: WG5337							
Acetone	67-64-1	2	ND	ug/Kg	U	1	21
Benzene	71-43-2	2	ND	ug/Kg	U	.78	-
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	
Bromoform	75-25-2	2	ND	ug/Kg	Ű	.93	
Bromomethane	74-83-9	2	ND	ug/Kg	Ü	.97	
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	2
Carbon disulfide	75-15-0	2	ND	ug/Kg	U		2
Carbon tetrachloride	56-23-5	2	ND.	ug/Kg ug/Kg	Ü	2.7	•
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ü	.87	
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	i i		
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U		
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	
Chloromethane	74-87-3	2	ND	ug/Kg	Ü	74	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	
1,3-Dichlorobenzene	541 <i>-7</i> 3-1	2	ND	ug/Kg	U	1	
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	10
Methylene chloride	75-09-2	2	ND	ug/Kg	υ	1.5	
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	11
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	

Review By: Ty Garber Report Approved By: Randy Greaves

, , ,

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F18-0

Project Number: BANG FUELING AREA

Sample ID: L2397-79

Site / Project ID: LOCATION 18 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 09-JAN-96

1,1,1-Trichloroethane	71-55 - 6	2	ND	ug/Kg	ט	3,4
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	e e	2.5
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	Ü	
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94
Xylene (Total)	1330-20-7	2	4.2	ug/Kg		
Dibromofluoromethane	SURROGATE	1	100	%		
Toluene-d8	SURROGATE	1	99	%		
4-Bromofluorobenzene	SURROGATE	1	99	%		

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor
ND - Sample Concentration No

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F18-0

Project Number: BANG FUELING AREA

Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No. D	il s	Sample Conc.	Units Qual	MDL	RL
SW846 Method 5030/8020						
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 12:18						
Workgroup Number: WG5247		i yan				
Benzene	71-43-2	1	3.4	ug/Kg	.05	1
Ethylbenzene	100-41-4	1	15.1	ug/Kg	.079	1
Toluene	108-88-3	1	3.46	ug/Kg	₌22	1
(m,p)-Xylene	108-38-3	1	32.9	ug/Kg	.3	2
o-Xylene	95-47-6	1	7.5	ug/Kg	.1	1
4-Bromofluorobenzene	SURROGATE	1	94	*		
SW846 Method 5030/8015M						
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 12:18		r Bula. Bala.				
Workgroup Number: WG5242						
GRO -	N/A	1	1.26	mg/Kg	.05	1
Bromofluorobenzene	SURROGATE	1	94	%		

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F18-9

Project Number: BANG FUELING AREA

Sample ID: L2397-81

Site / Project ID: LOCATION 18 9-11FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 04:45							
Workgroup Number: WG5336							살아보는 것이 없다.
Acetone	67-64-1	2	ND	ug/Kg	U	· · · · · · · · · · · · · · · · · · ·	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U		10
Bromoform	75-25-2	2	ND	ug/Kg	Ü	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	Ū	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	ט	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	D	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	Ü	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	D .	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	Ü	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	Ü		20
Chloroform	67-66-3	2	ND	ug/Kg	Ŭ	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	Ü		10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1.1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	Ü	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	Ü	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	Ü	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F18-9

Project Number: BANG FUELING AREA

Sample ID: L2397-81

Site / Project ID: LOCATION 18 9-11FTDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

	Received		15-DEC-95				
	Report	Date:	09-JAN-96				
Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND				yw.jv.
1,1,2-Trichloroethane	79-00-5	2	ND ND	ug/Kg	U	3.4	1
Trichloroethene	79-01-6	2	ND ND	ug/Kg	0	2.5	: 1
Trichlorofluoromethane	75-69-4	2	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/Kg	U	.84	1
Vinyl chloride	75-01-4	2	ND NB	ug/Kg	U		
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	.94	
Dibromofluoromethane		_	ND	ug/Kg	U	18 . 1	. 1
Toluene-d8	SURROGATE	1	106	%			
4-Bromofluorobenzene	SURROGATE	4	96	%			
4 Bi olilo i Cuoi obelizerie	SURROGATE	1	95	%			
							ragin i
-							
				기시는 항목 발발함			
							L Bay
			tretreng didi dijetilaj i saleka fij Tregla i dispetali da, daka treka	하는 사람들이 가능하고 있다. 사람이 사용하다는 가능이			

Review By: Ty Garber

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9

Project Number: BANG FUELING AREA

Sample ID: L2397-81

Site / Project ID: LOCATION 18 9-11FTDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020		Ngorgiji.					
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 16:46		Shuggaran Silikanèn					- Hall C
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	Ü	.079	1
Toluene	108-88-3	1	ND	ug/Kg	Ŭ	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	Ü	.3	
o-Xylene	95-47-6	1	ND.	ug/Kg	Ü	.1	2 1
4-Bromofluorobenzene	SURROGATE	1	111	~9/\9 %	y		
		•					
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 16:46							
Workgroup Number: WG5240							
GRO	N/A	1	ND	mg/Kg	Ü	.05	.1
Bromofluorobenzene	SURROGATE	1	111	%			
·							

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: F19-0

Project Number: BANG FUELING AREA
Sample ID: L2397-83

Site / Project ID: LOCATION 19 0-2 FIDE

Run ID: R2823

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		News.3					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 04:06							
Workgroup Number: WG5336							
Acetone	67-64-1	2	ND	ug/Kg	U		200
Benzene	71-43-2	2	ND	ug/Kg	Ü	.78	200 10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	Ŭ	.70 1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	Chryslik III. Addi
Bromomethane	74-83-9	2	ND	ug/Kg	U	.93 .97	10
2-Butanone	78-93-3	2	ND	ug/Kg ug/Kg	Ü		20
Carbon disulfide	75-15-0	2	ND ND	ar viste in Table Company	Ü		200
Carbon tetrachloride	56-23-5	2	ND ND	ug/Kg	a suggested that a first in the first		200
Chlorobenzene	108-90-7	2	ND ND	ug/Kg	U	2.7	10
Chlorodibromomethane	124-48-1	2	ND ND	ug/Kg	ن د.	.87	10
Chloroethane	75-00-3	2	ND ND	ug/Kg			1.0
2-Chloroethyl vinyl ether	110-75-8	2	ND ND	ug/Kg	U.	1.1	20
Chloroform	67-66-3	2	ND	ug/Kg	ט	1	20
Chloromethane	74-87-3	2		ug/Kg	U	2.7	10
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	4	20
1,3-Dichlorobenzene	541- 73- 1		ND ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg		1	10
1,1-Dichloroethane		2	ND	ug/Kg	U	1	10
1,2-Dichloroethane	75-34-3 107-06-2	2	ND	ug/Kg	U	3.4	10
1,1-Dichloroethene		2	ND	ug/Kg	U	4,2	10
•	75-35-4	2	ND	ug/Kg	Ü	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	υ	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	8.5	ug/Kg	J	1.5	1.0
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	ט	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	Ü	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	22	ug/Kg		1.7	10

Review By: Ty Garber

⁻ U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: F19-0

Project Number: BANG FUELING AREA

Sample ID: L2397-83

Site / Project ID: LOCATION 19 0-2 FTDE

Run ID: R2823

Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	1
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	1
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	1
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	1
Vinyl chloride	75-01-4	2	ND	ug/Kg	Ü	.94	
Xylene (Total)	1330-20-7	2	110	ug/Kg			
Dibromofluoromethane	SURROGATE	1	112	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	118	%			

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: F19-0

Project Number: BANG FUELING AREA

Sample ID: L2397-83

Site / Project ID: LOCATION 19 0-2 FTDE

Run ID: R2823

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 27-DEC-95

	CAS No.	Dil	Sample Conc.	Units Qual	MDL	R
SW846 Method 5030/8020		nga S				
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 12:58		존개 - 4				
Workgroup Number: WG5247						
Benzene	71-43-2	1	3,42	ug/Kg	0.5	
Ethylbenzene	100-41-4	1 💮	9.67	ug/Kg	.05 .079	
Toluene	108-88-3	1	17	ug/Kg		egazen Alberta
(m,p)-Xylene	108-38-3	1	62.8	ug/Kg	.22 .3	
o-Xylene	95-47-6	1	9.03	ug/Kg	.a .1	
4-Bromofluorobenzene	SURROGATE	1	65	~9/ K9 %		
SW846 Method 5030/8015M		ia. k				
Preparation Date: 26-DEC-95						
Analysis Date: 26-DEC-95 12:58 Workgroup Number: WG5242						
GRO -	THE RESERVE	1146 YA				# jy
Bromofluorobenzene	N/A SURROGATE	1	1.11	mg/Kg	.05	
BI ONIO I COOL ODCI IZCITE	SUKKUGATE	100	65	%	보면서 회사에 되는 내용이 되었다.	+ "Mari
					생활도 함께 하셨다. 그 이글로 잘 먹는 수 하나 하는데	350.80

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: 951214-01

Project Number: BANG FUELING AREA

Sample ID: L2397-88

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 14-DEC-95
Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		Greek)					
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 13:01							
Workgroup Number: WG5334		11945. 1 8841.					
Acetone	67-64-1	1	ND	ug/L	Ü	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	Ü	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L ug/L	Ü	.5	100
Allyl chloride	107-05-1	1	ND ND	ug/L	Ü	.5	100
Benzene	71-43-2	1	ND	ug/L	Ü	.39	5
Benzyl chloride	100-44-7	1	ND ND	ug/L	Ü	.5	100
Bromodichloromethane	75-27-4	1	ND ND	ug/L	Ü	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.64	5
Bromomethane	74-83-9	1	ND ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND ND	ug/L ug/L	U	.47 .5	100
Carbon disulfide	75-15-0	1	ND ND	ug/L ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	ŭ	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	Ü	44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	Ü	.5	5
Chloroethane	75-00-3	1	ND	ug/L	Ŭ	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	ŭ	.5	10
Chloroform	67-66-3	1	4.6	ug/L	Ĵ	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	Ů	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	Ů	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	Ü	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	Ú	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	Ū	2.1	5
1,1-Dichloroethene	7 5- 3 5 - 4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	น	-55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	Ū	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	

Review By: Ty Garber Report Approved By: Randy Greaves

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: 951214-01

Project Number: BANG FUELING AREA

Sample ID: L2397-88

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1	ND	ug/L	u i	.5	
2-Hexanone	591-78-6	1	ND	ug/L	U	5	
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	Ū	.5	ple de la
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	
Pentachloroethane	76-01-7	1	ND	ug/L	Ū	.5	
Propionitrile	107-12-0	1	ND	ug/L	Ū	.5	
Styrene	100-42-5	1	ND	ug/L	Ü	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	ט	.63	
Tetrachloroethene	127-18-4	1 🖔	ND	ug/L	U	.49	č.k
Toluene	108-88-3	1	ND	ug/L	U	.85	
1,1,1-Trichloroethane	71-55-6	1 2	ND	ug/L	U	1.7	
1,1,2-Trichloroethane	79-00-5	1 🖔	ND	ug/L	U	1.2	
Trichloroethene	79-01-6	1	ND	ug/L	Ú	.42	
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1 🖔	ND	ug/L	U	.5	
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	aliki M
Xylene (Total)	1330-20-7	1	ND	ug/L	Ü	-5	
Dibromofluoromethane	SURROGATE	1	95	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1 .50	104	%			

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01

Project Number: BANG FUELING AREA

Sample ID: L2397-88

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

			الأبوء فياحين بالبيري وفاقعينا كالممماء بالروزية أأأ	Official and the second	Augusta and an	and the transfer and the second	RL
SW846 Methods 5030/8020		garagy.					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 15:34							
Workgroup Number: WG5257							
Benzene	71-43-2	1	ND	ug/L	U	.05	. 1
Ethylbenzene	100-41-4	1	ND	ug/L	Ü	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	2,28	ug/L		.3	2
o-Xylene	95-47-6	1	ND	ug/L	U		1
4-Bromofluorobenzene	SURROGATE	1	96	%			
SW846 Method 5030/8015 Mod.		registic					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 15:34							
Workgroup Number: WG5259		n jedili. Na vikili					
GRO - WG2239	N/A	1	.21	/1		.05	
Bromofluorobenzene	SURROGATE	1	96	mg/L %		.05	.1
Di dino i cuo i decinedino	OOMOGATE	'	7				
	,						
				dian il jihaketit Katulan di kesiti			

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02

Project Number: BANG FUELING AREA

Sample ID: L2397-89

Site / Project ID: EQUIPMENT BLANK

Run ID: R2839

Collection Date: 14-DEC-95
Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 21-DEC-95		i i i i i i i i i i i i i i i i i i i					
Analysis Date: 21-DEC-95 13:41							
Workgroup Number: WG5334							
Acetone	67-64-1	1 6	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND ND	ug/L	Ü	.5	100
Acrolein	107-02-8	1	ND ND	ug/L	ŭ	.5	100
Acrylonitrile	107-13-1	1	ND ND	ug/L	Ü	.5	100
Allyl chloride	107-05-1	1	ND ND	ug/L ug/L	Ü	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	35 NO. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Benzyl chloride	100-44-7	1	ND ND	4410 M000000 + D. J. 4490 - A.		ka frai na Hibri (filozo ilden ilden ilde).	5
Bromodichloromethane	75-27-4		ND ND	ug/L	U	.5	100
Bromoform	75-27-4 75-25-2	1 0	 N. C. William Programmed States 	ug/L	U	.64	5
Bromomethane	74-83-9	1	ND	ug/L	U	.47	5
	78-93-3		ND	ug/L	U	.49	10
2-Butanone		1	ND	ug/L	U	-5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1 1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1 1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1 🔅	ND ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1 🐪	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1 1	ND	ug/L	Ü	1.4	5.
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1 %	ND	ug/L	Ü	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1 📆	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: 951214-02

Project Number: BANG FUELING AREA

Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

Ethylbenzene 10 Ethyl methacrylate 97 2-Hexanone 59 Isobutyl alcohol 78 Methacrylonitrile 12 Methylene chloride 75 Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	0061-02-6 00-41-4 7-63-2 01-78-6 3-83-1 26-98-7 5-09-2 4-88-4 0-62-6 08-10-1 5-01-7 07-12-0 00-42-5 30-20-6 0-34-5 27-18-4 08-88-3		ND N	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U U U U U U U U U U U U U U U U U	.55 .75 .5 .5 .5 .5 .75 .5 .5 .5 .5 .72 .45	55 100 100 55 55 11 100
Ethyl methacrylate 97 2-Hexanone 59 Isobutyl alcohol 78 Methacrylonitrile 12 Methylene chloride 75 Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,1,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	7-63-2 91-78-6 3-83-1 26-98-7 5-09-2 6-88-4 0-62-6 08-10-1 6-01-7 07-12-0 00-42-5 60-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND N	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U U U U U U U U U	.75 .5 .5 .5 .5 .5 .5 .5 .5 .72 .45	5 10 10 5 5 1
2-Hexanone 59 Isobutyl alcohol 78 Methacrylonitrile 12 Methylene chloride 75 Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,1,2-Tetrachloroethane 79 Ietrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	91-78-6 3-83-1 26-98-7 5-09-2 6-88-4 0-62-6 08-10-1 6-01-7 07-12-0 00-42-5 60-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND N	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U U U U U U U U U	.5 .5 .5 .75 .5 .5 .5 .5 .72 .45	5 10 10 5 5 1 10
Isobutyl alcohol 78 Methacrylonitrile 12 Methylene chloride 75 Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	3-83-1 26-98-7 5-09-2 4-88-4 0-62-6 08-10-1 5-01-7 07-12-0 00-42-5 50-20-6 9-34-5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AID AD	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	0 0 0 0 0 0 0 0 0	.5 .5 .75 .5 .5 .5 .5 .5 .72 .45	5 10 10 5 5 1
Methacrylonitrile 12 Methylene chloride 75 Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,2-Tetrachloroethane 63 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	26-98-7 5-09-2 6-88-4 0-62-6 08-10-1 5-01-7 07-12-0 00-42-5 50-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND N	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	0 0 0 0 0 0 0 0 0	.5 .5 .75 .5 .5 .5 .5 .72 .45	10 10 5 5 1
Methylene chloride 75 Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,1,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	5-09-2 6-88-4 0-62-6 08-10-1 6-01-7 07-12-0 00-42-5 50-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND N	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U U U U U U U	.5 .75 .5 .5 .5 .5 .5 .72 .45	10 5 1 10
Methyl iodide 74 Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,2-Tetrachloroethane 63 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	4-88-4 0-62-6 08-10-1 6-01-7 07-12-0 00-42-5 30-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND ND ND ND ND	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U U U U U U	.75 .5 .5 .5 .5 .5 .72 .45	5 5 1 10
Methyl methacrylate 80 4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,1,2-Tetrachloroethane 79 Tetrachloroethane 12 Toluene 10 1,1,1-Trichloroethane 71	0-62-6 08-10-1 6-01-7 07-12-0 00-42-5 30-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND ND ND ND	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U U U U U U	.5 .5 .5 .5 .5 .72 .45	5 5 1 10
4-Methyl-2-pentanone 10 Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,2-Tetrachloroethane 63 1,1,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	08-10-1 6-01-7 07-12-0 00-42-5 80-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND ND ND	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	U U U O O U U	.5 .5 .5 .5 .72 .45	5 5 1 10
Pentachloroethane 76 Propionitrile 10 Styrene 10 1,1,2-Tetrachloroethane 63 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	5-01-7 07-12-0 00-42-5 30-20-6 0-34-5 27-18-4	1 1 1 1 1 1 1 1 1	ND ND ND ND ND	ug/L ug/L ug/L ug/L ug/L ug/L	บ บ บ บ บ	.5 .5 .72 .45 .63	5 1 10
Propionitrile 10 Styrene 10 1,1,1,2-Tetrachloroethane 63 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	07-12-0 00-42-5 80-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND ND	ug/L ug/L ug/L ug/L ug/L	U U U U U	.5 .5 .72 .45 .63	1 10
Styrene 10 1,1,1,2-Tetrachloroethane 63 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	00-42-5 50-20-6 9-34-5 27-18-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND ND ND ND	ug/L ug/L ug/L ug/L	U U U O	.5 .72 .45 .63	10
1,1,1,2-Tetrachloroethane 63 1,1,2,2-Tetrachloroethane 79 Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	80-20-6 9-34-5 27-18-4	1 (5) 1 (3) 1 (4) 1 (4)	ND ND ND	ug/L ug/L ug/L	U U U	.72 .45 .63	
1,1,2,2-Tetrachloroethane79Tetrachloroethene12Toluene101,1,1-Trichloroethane71	27-18-4	1 (3). 1 (4). 1 (4).	ND ND	ug/L ug/L	U U	.45 .63	
Tetrachloroethene 12 Toluene 10 1,1,1-Trichloroethane 71	27-18-4	1	ND	ug/L	U	.63	Partino.
Toluene 10 1,1,1-Trichloroethane 71		1	THE RESIDENCE OF A PROPERTY OF A SECOND	State of the state of the state of			
1,1,1-Trichloroethane 71	8-88-3	2.5		ug/L	U	.49	
1,1,1-Trichloroethane 71		1	ND	ug/L	U	.85	
	1-55-6	1	ND	ug/L	Ū	1.7	
	2-00-5	1 5	ND	ug/L	Ũ	1.2	
	9-01-6	1	ND	ug/L	Ü	.42	
1,2,3-Trichloropropane 96	5-18-4	1	ND	ug/L	ŭ	1.1	
	08-05-4	1	ND	ug/L	Ŭ	.5	5
	-01-4	1 1	ND	ug/L	Ü	.47	
	30-20-7	1	2.8	ug/L	j	.5	
	IRROGATE	1	100	%			
	RROGATE	1	99	%			
	IRROGATE	1 8	107	%			

Review By: Ty Garber

ND

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Client ID: 951214-02

Project Number: BANG FUELING AREA

Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK

Run ID: R2839

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Methods 5030/8020		11 July 19 11 July 1981					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 16:11							
Workgroup Number: WG5257							
Benzene	71-43-2	5	ND	ug/L	Ü	.25	
Ethylbenzene	100-41-4	5	ND	ug/L	Ü	.4	
Toluene	108-88-3	5	ND	ug/L	ט	1.1	arit de la cip. Oprilie El El el
(m,p)-Xylene	108-38-3	5	ND	ug/L	U	1.5	
o-Xylene	95-47-6	5	ND	ug/L	Ü	.51	
4-Bromofluorobenzene	SURROGATE	1	91	%			
SW846 Method 5030/8015 Mod.		11111					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 16:11		F1 675 6863					
Workgroup Number: WG5259							
GRO -	N/A	5	ND	mg/L	Ú	.25	
Bromofluorobenzene	SURROGATE	1	91	%			
				가기를 받는 말을 된 것같다. 무슨 사람이 하지 않는 사람이			
•							

Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: 951214-03

Project Number: BANG FUELING AREA

Sample ID: L2397-90

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil :	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 14:22							
Workgroup Number: WG5334		(원원) (1 - 164년) 					
Acetone	67-64-1	1 🖇	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1 🗇	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	ט	.39	5
Benzyl chloride	100-44-7	1 %	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	Ū	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	- 5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	บ	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1 🥍	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	4.1	ug/L	J	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	บ	2	10
Chloroprene	126-99-8	1	ND	ug/L	Ü	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1 (1)	ND	ug/L	Ü	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	Ü	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1 🔬	ND	ug/L	Ŭ	.43	10
1,1-Dichloroethane	75-35 -3	1 1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1 3	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1 3	ND	ug/L	U	.78	5

Review By: Ty Garber

ND

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⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: 951214-03

Project Number: BANG FUELING AREA

Sample ID: L2397-90

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 14-DEC-95 Received Date: 15-DEC-95

Report Date: 08-JAN-96

	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	
Ethylbenzene	100-41-4	1 :	ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	
2-Hexanone	591-78-6	1	ND	ug/L	ប		
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	1
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	1
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	υ	.5	
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	
Propionitrile	107-12-0	1 }	ND	ug/L	ט	.5	
Styrene	100-42-5	1 :	ND	ug/L	U	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	
Toluene	108-88-3	1	ND	ug/L	ט	.85	
1,1,1-Trichloroethane	71-55-6	1 :	ND	ug/L	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	ט	1,2	
Trichloroethene	79-01-6	1	ND	ug/L	Ú	.42	
1,2,3-Trichloropropane	96-18-4	1 -	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	
Xylene (Total)	1330-20-7	1	ND.	ug/L	U	.5	
Dibromofluoromethane	SURROGATE	1	93	%			
Toluene-d8	SURROGATE	1	93	%			
	SURROGATE	1 8	100	%			好好的简单:

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: 951214-03

Project Number: BANG FUELING AREA

Sample ID: L2397-90

Site / Project ID: DECON BLANK

Run ID: R2839

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020	medallikuli, Leksikeakskum ilistes	in succe					
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:08							
Workgroup Number: WG5256							
Benzene	71-43-2						
Ethylbenzene	100-41-4	1	ND	ug/L	U	.05	1
Toluene		1	ND ND	ug/L	U	-079	1
(m,p)-Xylene	108-88-3	1	ND	ug/L	U	.22	1
o-Xylene	108-38-3	1	ND	ug/L	U	.3	2
4-Bromofluorobenzene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromottuoropenzene	SURROGATE	1	100	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:08							
Workgroup Number: WG5258							
GRO	N/A	1, 11414,	ND	mg/L	Ü	. 05	
Bromofluorobenzene	SURROGATE	1	100	#97L %	U	.05	.1
	CONNOCATE	'		"			
					기가 있는데 이 기가 되고 있다. 1일 기가 기가 되는데 되었다.		
					Auginto de Nasaria 1 September - 18 September		

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: BG

Project Number: BANG FUELING AREA

Sample ID: L2397-92

Site / Project ID: BKGRND LOC. 0-2 FT D

Run ID: R2823

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
SW846 Method 8240	(ag S					
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 03:27							
Workgroup Number: WG5336					한 명임(19) 20 임한당 영화 (19)		
Acetone	67-64-1	2	29	ug/Kg			2
Benzene	71-43-2	2	ND	ug/Kg ug/Kg	U	.78	•
Bromodichloromethane	75-27-4	2	ND	ug/Kg	ט	1	
Bromoform	75-25-2	2	Harris Martin Marini Andre	ug/Kg ug/Kg	U	.93	At p
Bromomethane	74-83-9	2	ND	ug/Kg	Ü	.97	i ita. Ngjar
2-Butanone	78-93-3	2	ND ND	ug/Kg ug/Kg	U		2
Carbon disulfide	75-15-0	2 %	ND	ug/Kg ug/Kg	ŭ		u di sili.
Carbon tetrachloride	56-23-5	2	ND ND	ug/Kg ug/Kg	U	2.7	2
Chlorobenzene	108-90-7	2	ND ND	The Management of the control of the	U	.87	
Chlorodibromomethane	124-48-1	2	ND ND	ug/Kg			
Chloroethane	75-00-3	2	ND ND	ug/Kg	U	1 1.1	
2-Chloroethyl vinyl ether	110-75-8	2	ND ND	ug/Kg	Ü		
Chloroform	67-66-3	2	ND ND	ug/Kg ug/Kg	(현기, 대한 한 번역 (영원)지, 나	2.7	
Chloromethane	74-87-3	2	ND ND	219. Ministra na Talanti Turi I. (1	U U	2./ 4	
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg ug/Kg	Ů		
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg ug/Kg	Ü		
1,4-Dichlorobenzene	106-46-7	2	ND ND	ug/Kg ug/Kg	u u		
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg ug/Kg	U	3.4	
1,2-Dichloroethane	107-06-2	2	ND.	ug/Kg ug/Kg	Ü	3.4 4.2	
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg ug/Kg	U	.95	Ď.
trans-1,2-Dichloroethene	156-60-5	2	ND			49 G 2 JANSE BERGER ER ER	d i
1,2-Dichloropropane	78-87-5	2	ND ND	ug/Kg ug/Kg	U	1.1	
cis-1,3-Dichloropropene	10061-01-5	2	ND ND	ug/Kg ug/Kg	U		
trans-1,3-Dichloropropene	10061-02-6	2	ND ND	ug/Kg ug/Kg	, na meren a Torota i saraki	1.6 1.1	21 713
Ethylbenzene	100-41-4	2	ND	DOMESTIC AND A STATE OF A STATE OF THE STATE	ÜÜÜ	1.1 1.5	
2-Hexanone	591-78-6	2	ND ND	ug/Kg	Ü		
Methylene chloride	75-09-2	2	ND ND	ug/Kg ug/Kg	U	1 1.5	1
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg ug/Kg	U	1.5 1	
Styrene	100-42-5	2	ND ND	ug/Kg ug/Kg	U	1.4	1
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg ug/Kg	U	1.3	
Tetrachloroethene	127-18-4	2	ND ND	ug/Kg ug/Kg	U U	.98	
Toluene	108-88-3	2	ND ND	ug/Kg ug/Kg	U	1.7	

Review By: Ty Garber Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit
RL - Method Reporting Limit

Client ID: BG

Project Number: BANG FUELING AREA

Sample ID: L2397-92

Site / Project ID: BKGRND LOC. 0-2 FT D

Run ID: R2823

Collection Date: 14-DEC-95
Received Date: 15-DEC-95

Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	R
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	Ü	2.5	
Trichloroethene	79-01-6	2	ND	ug/Kg	Ü	.84	
Trichlorofluoromethane	75-69-4	2	ND.	ug/Kg	U U		
Vinyl chloride	75-01-4	2	ND ND	ug/Kg ug/Kg	Ü	.94	
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	. 74	
Dibromofluoromethane	SURROGATE	ាំ ំ	115	/ www.	U		
Toluene-d8	SURROGATE	1	100	, %			
4-Bromofluorobenzene	SURROGATE	1	97	,, %			
4 B) GIIO I COO OBETIZETIE	SURROUATE		71	/a			
		200 400 -					
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Review By: Ty Garber

ND

Report Approved By: Randy Greaves

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⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

⁻ Method Reporting Limit

Client ID: BG

Project Number: BANG FUELING AREA

Sample ID: L2397-92

Site / Project ID: BKGRND LOC. 0-2 FT D

Run ID: R2823

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RI
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 21:31		lase) i					
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	Ü	.05	
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	
Toluene	108-88-3	1	ND	ug/Kg	บ	.22	
(m,p)-Xylene	108-38-3	1	4.2	ug/Kg		.3	
o-Xylene	95-47-6	1	3.04	ug/Kg		.1	
4-Bromofluorobenzene	SURROGATE	1	91	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 21:31			BESSE 경기 경험				
Workgroup Number: WG5240							
GRO -	N/A	1 .	.78	mg/Kg		.05	
Bromofluorobenzene	SURROGATE	1	91	%			
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Review By: Ty Garber

Report Approved By: Randy Greaves

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

⁻ E = Analyte Conc. is above the Method Calibration Range

Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit RL - Method Reporting Limit

Client ID: TRIP BLANK

Project Number: BANG FUELING AREA

Sample ID: L2397-93

Site / Project ID: TRIP BLANK

Run ID: R2839

Collection Date: 14-DEC-95

Received Date: 15-DEC-95

Report Date: 08-JAN-96

Analyte	CAS No.	Dit	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240		950000					
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 12:20							
Workgroup Number: WG5334							
Acetone	67-64-1	1	ND ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	Ü	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	Ü	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	ũ	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	Ŭ	.5	100
Bromodichloromethane	75-27-4	1	ND ND	ug/L	Ü	.64	5
Bromoform	75-25-2	1	ND	ug/L	Ü	.47	
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	ŭ	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	Ü	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	Ü	1.4	. 5
Chlorobenzene	108-90-7	1	ND	ug/L		.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	u v	.5	5
Chloroethane	75-00-3	1	ND	ug/L	Ü	_54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	Ü	.5	10
Chloroform	67-66-3	1	ND	ug/L	Ü	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	Ū	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	Ð	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	ย	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	Ū	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	IJ	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	Ü	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	Ü	.78	5

Review By: Ty Garber

ND

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⁻ Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: TRIP BLANK

Project Number: BANG FUELING AREA

Sample ID: L2397-93
Site / Project ID: TRIP BLANK

Run ID: R2839

Collection Date: 14-DEC-95
Received Date: 15-DEC-95

Report Date: 08-JAN-96

	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RI
trans-1,3-Dichloropropene	10061-02-6	1 .	ND	ug/L	ט	.55	
Ethylbenzene	100-41-4	1 .	ND	ug/L	U	.75	
Ethyl methacrylate	97-63-2	1 -	ND	ug/L	U	.5	
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	
Isobutyl alcohol	78-83-1	1	ND	ug/L	ט	.5	10
Methacrylonitrile	126-98-7	1	ND	ug/L	Ú	-5	11
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	
Methyl iodide	74-88-4	1	ND	ug/L	Ü	.5	
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	
Pentachloroethane	76-01-7	1	ND	ug/L	Ü	.5	
Propionitrile	107-12-0	1	ND	ug/L	ט	.5	11
Styrene	100-42-5	1 :	ND	ug/L	ט	.72	
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	Ü	.45	
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	
Toluene	108-88-3	1	ND	ug/L	U	.85	
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	į
Vinyl chloride	75-01-4	1 :	ND	ug/L	Ü	.47	
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	
Dibromofluoromethane	SURROGATE	1	97	%			
- 1 10	SURROGATE	1	92	%			
Toluene-d8							

Review By: Ty Garber

Qual - U = Analyte Not Detected above the Method Detection Limit

⁻ J = Estimated Concentration, B = Analyte Detected in the Blank

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Dil - Sample Dilution Factor

ND - Sample Concentration Not Detected above MDL

MDL - Method Detection Limit

RL - Method Reporting Limit

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA

Sample ID: 12397-93

Site / Project ID: TRIP BLANK

Run ID: R2839

Collection Date: 14-DEC-95 Received Date: 15-DEC-95 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 17:29							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	Ū	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	Ü	.3	. 2
o-Xylene	95-47-6	1	ND	ug/L	Ū	.1	1
4-Bromofluorobenzene	SURROGATE	1	104	~3, - %	7		
	Novem (10020) (1000) Tud. (111076) (1000)	Shur Suda					
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 17:29							
Workgroup Number: WG5258		1000000000 50 100 500					
GRO -	N/A	1	ND.	mg/L	บ	.05	
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

ND

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor

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MDL - Method Detection Limit

RL - Method Reporting Limit

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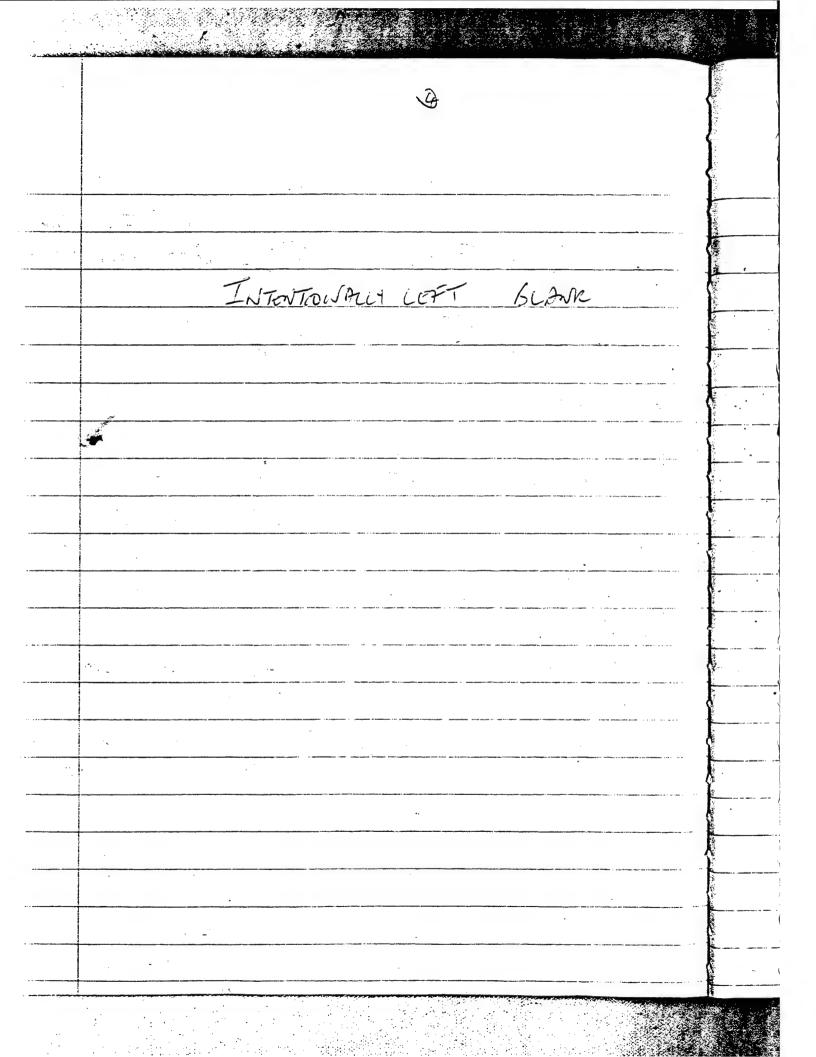
APPENDIX F FIELD NOTEBOOK PAGES

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		at 8:25 F					
	0.0 ppm		allen en amerikanske filmskalenske medianske en en e	-	The control of the co	THE SAME OF THE PROPERTY IS A STATE OF	North No. of the substitute of the state of
Ty	to 1-10ld	Blank g D.	I Wate	V Samp	4 95	1/2/3	-01
20,50	Location	Blank g D. at 8:32 h	BANG-	/	Medson	AND -	Free ph-
_0-2	7.40) Kufle	F1-0	any	180	400 1	10 ×
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14-1	6 9:05	F1 -11	4	Sandy	_2	4	5
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2 9:10 Location #1 was felled with Bentomin 9:16 An Moved to Cocation No. 2 PID An Avy Mox 0-21 F2-0 day 2000 2000 7 2000 F2-4 Sandy 31 40 48 Sandy 4 -11 17 F2-14 Sandy 9:35 Am Location #2 Complete Hele deled with benfort

3 9:40 Am Lo Cister #3 day 2000 2000 7200 F3-0 TOK-2 2000 Clay 18 40 F3-4 49 9-11 July 6 7 8 48 14-16 F3-14 Sandy 2 5 7 10:10 My Filled Cozate # 3 Grit Bentomk Ren Clogged (ist to interest of moved to Coestin 4 - i' Nound 2' went 2 arisin M. FIDAY Max Sandy 700 1500 2000 0-2 F4-0 Sandy 2000 2000 720. F4- 6 5/25mg odo Sand! Clay 21 j=4-9 35 9-11 F4-14 Sayor .30 72 14-16 10:45 Chied Coreton 4.

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(6) Location # 5 Min Fly Mase F5-0 Type 220 350 455 0-2 F5-4 Suly 2000 2000 72000 Clay 4-6 9-11 F5-9 Sandy 6 12 F5-14 Sanly 14 17 =3 14-16 Filled hate with Bentomite 12:50 PM after Ful Touch left Moved to Cocation #6 PID

Soil Min Arg Make F6-0 Cky 2000 2000 72000 13 HIR 4-6 F6-4 Sudy 2000 2000 72000 1=6-9 Sully 9-11 16 20 32 F6-14 SANDY 32 40 14-16 Note Cocat = 6 was mored to 1' South.

(7) 1:25 PH 5-17ph 17m Huy Ma F7-0 Clay 1500 2000 72= F7-4 Sandy 40 GO 6 4-6 12 13 F7-9 SLADY 9-11 F7-14 Jandy 12 19 14-16 Cocation #9 PID 2:20 PM MINI AUG. MAX. tall 2 2.5 F9-0 72000 4-6 0.3 0,5 F9-4 FEMAZ 72000 1.2 F9-9 0.5 1 Janay 9-11 32 1.0 1.2 1.3 14-16 TANDT F9-14 47 MK

3 2:50PM Litation 10 50-1 Fro-0 Type or Avg Mare 0-2 Fro-0 Sandy 4 6 7 4-6 F10-4 Soundry 3 5 F10-9 SANDY 2 2.5 9-11 14-16 F10-14 SCNDY 20 27 35 3:03 89 Cocatu # 11 Min Ay Mx 0-2 F11-0 Sandy 24 28 31 F11 - 4 4-6 CLAT 45 35 52 F11-9 Sandy 6 10 9-11 16 14-16 F11-14 Sange 12

DEC. 14, 1995 ARRIVED ON SITE AT 7:15 AM CALIBRATED PID AT 7:30 USING \$ GAS CAPTRIONE AND 100 ppn 1508UTILENE GAT STA-DARD FRATLY CLOUDY, 2°C AT 7:40 TOOK BACKGEOING ACADING AT SITE WY PID AT 7:45: 0.0 FFM 7:35/4 BB (Budgrad) Location

Took à backgrand Simple senow.

BB-0 0-2' dylk 0.0

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		ב פול מכהביטל	THRIED AT 1235	ا حـــــــــ	D-(PFA	1)
	· ·	1.3	- THE	MIV	N/2	MAX
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0	Ĺ	ocation #16 STE	RATED AT 8:25		10 Carro	
	1			2		
	O-2 ⁻	F16-0	TYPE SILTY CLAY	690 ·	860	1200
4 4						4
	4-6'	F16-4	CLAY	3	3.5	4
	9-11'	F16-9	Sandy	1.0	1.0	1.1.5
	14-16	F16-14.	SANDY	1.0	(.)	1.2
						•

STAR	TED LOCATION	# 19 AT	(0:00	~~~	
		Joil Type	MIV.	PID	
0-2		GRAVELY		AUC_	•
0-2,	F19-0	CUMARRA	240	450	670
4-6'	F19 - 4	SILTY CLAY	0.4	6,5	0.6
9-11	F19-9	ZAYDI	0.4	0.6	0.8
-14-16'	F19-14				
10:35 Too	k Blanks 151214-01 D	JANOY		-	0,4 <_EQUAMEN
10:35 Too	k Blanks 151214-01 D	istruct water where of Di # 20 At	e Run Thro Stilled Rings	uch James	
10:35 Too 1755 9	k Blanks 151214-01 D 151214-02 Ta	where of Dr	e Run Thro Stilled Rings	uch Jampe water	
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M-16'	F21-14	SILTI CLAY	0.4	0.5	0.6
.7:25	Ipn 70016 RIN	SAKE BLANK			
	ipm 700K RIN.				

APPENDIX G
CHAIN OF CUSTODY FORM

2995 Center Green Court South Boulder, CO 80301

303-440-5664 303-440-5731

Fax

CHAIN OF CUSTODY RECORD

LL\L\L\\\ HazWaste Technologies® Corporation

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Rev. 1 08/18/91

Haz Waste Technologies Corporation 2995 Center Green Court South Boulder, CO 80301

CHAIN OF CUSTODY RECORD

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Fax 2995 Center Green Court South Boulder, CO 80301

303-440-5664

CHAIN OF CUSTODY RECORD

HazWaste Technologies[®] Corporation

STANDARD TIM COMMENTS HOLD HOLD 19T HOLD HOLD Remarks: Remarks: ANALYSIS REQUIRED PERSONAL DELIVERY \times Means of Delivery: Means of Delivery: (Si00) HAVT No. of Cont. -65 O-2 ET DEPTH 4-6 ET DEPTH DEPTH 9-11 FT SOF 17-16 5 DEPA 9-11 FT DEPTH ATH TH 14-16 FT ZEPTH 日区日 Received by:
Name: Take Dirges
Signature: Consultanges Company: 1/2 Noncoc T. 止 2-0 2-9 -FUELING AKEA Received by: Comp Grab Description of Location Company: Name: (Signature) LOCATION S 1 ٢ Localles 6 BURNER 6 Locapion 7 LOCATION 6 LOCATION 6 GOLATION 7 (OCATION SCATION C. Mar Date/Time Date/Time BUCKLEY ANG BASE HWT Purchase Order Number PG51215-31 × × × 0x:01 sh// 26:0 | 53/6/21 13:25 14/3/45 10:45 2/8/95 13:20 5:33 Time 12/11/95 18:25 1/18/45 15:30 Project No. | Project 13/19/65 13:11 Name: ERIY MARLER Samplers:(Name) Signature: Signature: 1/11/ds 14/3/45 ERIC MARKER ASUN WARRY Date Relinquished by: Relinquished by: F7-0 Company: F6-14 F6-9 Signature: F7-4 Company: F6-13 FS- IY 6-1-4 F6-7 Sample Number F5.9 Name:

Haz Waste Technologiesth Corporation 2995 Center Green Court South Boulder, CO 80301

CHAIN OF CUSTODY RECORD

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CHAIN OF CUSTODY RECORD

Y RECORD HazWaste Technologies^a Corporation

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Rev. 1 08/18/94

Remarks:

Means of Delivery:

Received by:

Date/Time

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HWT Purchase Order Number

Name:

Haz Waste Technologies " Corporation 2995 Center Green Court South Boulder, CO 80301

CHAIN OF CUSTODY RECORD

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2995 Center Green Court South Boulder, CO 80301

303.440.5664 303.440.5731

Fax

CHAIN OF CUSTODY RECORD

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HazWaste Technologies® Corporation

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M/1 6-614	17/4/4s 10110			LOCATION 19	9 9.11 ST DE174					HOLD	
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HazWaste Technologies (*) Corporation 2995 Center Green Court South Boulder, CO 80301

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CHAIN OF CUSTODY RECORD

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Project No. Project Buckey R	Samplers:(Name) ERIC MARIER	Asun WARRY	Date Time	F19 13/4/46	F20-0 14/45 10:35	F20-4 1/11/11 10:40	F.25-9 11/4/95 10:45	F20-14 17/1/5 10:50	F120 Mygr 12:40	F12.4 1/4/95 12:45	F12-9 17/14/4 1250	F12-14 174/95 18.55	183-0 144/95 13:00	Relinquished by: Name: Ec. Marcin Signature: Fri Mel	Company: A	Relinquished by: Name: Signature: Company:	HWT Purchase Order Number

Haz VVaste Technologies Corporation 2995 Center Green Court South Boulder, CO 80301 Fax 303.440.5731

CHAIN OF CUSTODY RECORD

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Rev. 1 08/18/94

Haz Waste Technologies Corporation 2995 Center Green Court South Boulder, CO 80301

03.440.5664 03.440.5731

CHAIN OF CUSTODY RECORD

LLLLLLL Hazwaste Technologies* Corporation

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APPENDIX H
RESULTS OF IDW ANALYSIS

Feb 20, 1996

Haz-waste Technologies Corp. Mr. Eric Marler 2995 Center Green Court South Boulder, CO 80301

Dear Mr. Marler,

Please find enclosed the report for 1 sample received at HydroLogic Laboratories, Inc. on 12 Feb 1996 for your project number, BUCKLEY ANG BASE. The report reference is L2519.

If you have any questions, please call (303) 659-0497.

Sincerely,

Bob Cathel Project Manager

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Login Number: L2519

HydroLogic Sample Number Client Sample Identification

Sample Date/Time

L2519-1

IDW-960208

08 Feb 96 15:55

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp. Project: BUCKLEY ANG BASE

HydroLogic Login Number: L2519

METHOD	COLLECTED	PRIPAREI	D ANALYZED
SAMPLE NUMBER: L2519-1	CLIENT ID: 1	DW-960208	MATRIX:Soil
SW-846, 8020	02/08/96 15:55	02/15/96	02/15/96 10:02

HazWaste Technologies⁽⁴⁾ Corporation 2995 Center Green Court South Boulder, CO 80301 Fax 303-440-5731

UNIVE CHAIN OF CUSTODY RECORD

HazWaste Technologies^a Corporation

Project No. Project	Vo. Pr	oject						ANAI	VS/	ANALYSIS REQUIRED	IIRED	COMMENTS
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Sample Number	Date	Time	Comp	Grab	Comp Grab Description of Location		No. of Cont.	. \$				
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Company:	134	}		\$1:7	5.	company: Hodrologic						
Relinquished by: Name: Signature: Company:	d by:			Dati	Date/Time	7	Means of Delivery:	f Delive	. <i>k</i> .			Remarks:
HWT Purchase Order Number	ase Orde	er Number										
												0,00,000

FINAL RESULTS

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: IDW-960208

Project Number: BUCKLEY ANG BASE

Sample ID: L2519-1

Site / Project ID: Not Reported

Run ID: R3134

Collection Date: 08-FEB-96

Received Date: 12-FEB-96

Report Date: 16-FEB-96

Analyte	CAS No.	Dit	Sample Conc.	Units	RL
W846 Method 5030/8020					
reparation Date: 15-FEB-96					
nalysis Date: 15-FEB-96 10:02					
orkgroup Number: WG5686					
Benzene	71-43-2	···. 1	ND	ug/Kg	
Ethylbenzene	100-41-4	1	ND ND	ug/kg ug/Kg	1 1
Toluene	108-88-3	1	1.95	ug/Kg ug/Kg	1
(m,p)-Xylene	108-38-3	1	2.4	ug/Kg ug/Kg	2
o-Xylene	95-47-6	1	ND ND	ug/Kg	ے 1
4-Bromofluorobenzene	SURROGATE	1	99	ug/kg %	
	SORROGATE	'	~	-70	
· ·					
-					
,					

Review By: Ty Garber

Report Approved By: Randy Greaves

[&]quot;Dil" - Sample Dilution Factor

[&]quot;ND" - Sample Concentration Not Detected above RL

[&]quot;RL" - Method Report Limit

QC

DATA

PACKAGE

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5640-1
Site / Project ID: Not Reported

Run ID: R3134

Collection Date: Not Reported
Received Date: 14-FEB-96
Report Date: 14-FEB-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8020 Preparation Date: 13-FEB-96					
Analysis Date: 13-FEB-96 09:17 Workgroup Number: WG5640					
Benzene	71-43-2	4			
Ethylbenzene	100-41-4	1	ND ND	ug/Kg	1
Toluene	108-88-3	1	ND ND	ug/Kg	1
(m,p)-Xylene	108-38-3	1	ND ND	ug/Kg ug/Kg	1 2
o-Xylene	95-47-6	1	ND ND	ug/Kg ug/Kg	د 1
4-Bromofluorobenzene	SURROGATE	1	103	% %	
-					
		(

Review By: Ty Garber

Report Approved By: Randy Greaves

[&]quot;Dil" - Sample Dilution Factor

[&]quot;ND" - Sample Concentration Not Detected above RL

[&]quot;RL" - Method Report Limit

Form 1 - Data Summary Report Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5686-1
Site / Project ID: Not Reported
Run ID: R3134

Collection Date: Not Reported
Received Date: 16~FEB-96
Report Date: 16-FEB-96

ug/Kg 1
ug/Kg 1
ug/Kg 1
ug/Kg 2
ug/Kg 1
%

Review By: Ty Garber

Report Approved By: Randy Greaves

[&]quot;Dil" - Sample Dilution Factor

[&]quot;ND" - Sample Concentration Not Detected above RL

[&]quot;RL" - Method Report Limit

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report Prepared By: HydroLogic Laboratories, Inc.

ø	
LCSD %REC LCS/LCSD RPD	48000
LCSD %REC	100 100 111 108
ir d LCS %REC	96 101 101 79
LCS/LCSD Pair WG5640-2 R3134 Not Reported 13-FEB-96 14-FEB-96	ug/Kg ug/Kg ug/Kg ug/Kg
Sample Id: Work Group Id: Run Id: GALP Record Id: Preparation Date: Analysis Date: Report Date:	20 20 20 20 20 20
Mor GALF Prepar Ans Rns R	20 20 20 40 20 20
Sample Id Work Group Id Run Id Run Id GALP Record Id Preparation Date: Analysis Date: Report Date: High Limit RPD Limit LCS Add LCSD Add	28288
High Limit	142 150 139 150
LOW Limit	55 55 55 55 55 55
CAS NO.	71-43-2 100-41-4 108-88-3 108-38-3 95-47-6
Analyte	SW846 Method 5030/8020 Preparation Date: 13-FEB-96 Analysis Date: 13-FEB-96 08:36 Workgroup Number: WG5640 Benzene Ethylbenzene Toluene (m,p)-Xylene o-Xylene

QUAL (1)

Note: Technical Review By: Ty Garber

Report Approved By: Randy Greaves Note:

's. '-! = Value Lithin Control limits		
# = LCSD Outside Control Limits: a = RPD Outside Control Limit	High and RPD) are in units of percent (%).	
- * = LCS Outside Control Limits;	"Limits" - The "Limits" reported above (Low. Hig	- The conc of analyte added to the
(1) QUAL	"Limits"	III CS SD Addii

[&]quot;LCS %REC"
"LCSD %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

The conc. of analyte added to the LCS or LCSD sample.
 Laboratory Control Sample Percent Recovery
 Laboratory Control Sample Duplicate Percent Recovery
 Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 Not Reported

Matrix Spike / Matrix Spike Duplicate QC Report Prepared By: HydroLogic Laboratories, Inc.

	MG56	R31		13-FEB-96	13-FEB-96	14-FEB-96
Client Id:	Work Group Id:	Run Id:	GALP Record 1d:	Preparation Date:	Analysis, Date:	Report Date:

QUAL (1)

RPD

MS/MSD

MSD %REC

%REC

æ

Sample Conc

MSD Add Units

High Limit RPD Limit MS Add

Low Limit

CAS No.

Analyte

99595

82228

99999

ug/Kg ug/Kg ug/Kg ug/Kg

22222

26232

28288

150 139 150 150

529 252 252 253

Report Approved By: Randy Greaves

(1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; 0 = RPD Outside Control Limits; 1-1 = Value Within Control Limits (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. Will effect the MS/MSD recoveries.

"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).

"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).

"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).

"MS %REC" - Matrix Spike Duplicate Percent Recovery

"MSD %REC" - Matrix Spike Duplicate Relative Percent Difference

NA The Matrix Spike Matrix Spike Duplicate Relative Percent Difference

NA - Analyte "Not Detected" above the method detection limit.

Note: Technical Review By: Ty Garber

APPENDIX I RECORD OF TELEPHONE CALL WITH CDPHE

Telephone Call Record

Call initiated by:

Person Called:

Asvin Waran HazWaste Technologies® Corp. 2995 Center Green Court Boulder, CO 80301 Peter Laux
Solid Waste Section
HMWMD-B2
Colorado Dept. of Public Health &
Environment,
4300 Cherry Creek Dr. South
Denver, CO 80222-1530
(303)692-3455 (voice)

Subject: Cleanup Standards Applicable to JP-4 Spills at Buckley ANG Base

Date: December 21, 1995

The purpose of the call was to determine the cleanup standards applicable to two sites where JP-4 had been spilled at Buckley ANG Base, namely the Fueling Area where 1600 gallons had been spilled while loading a tanker truck, and the F-16 Crash Site where 1500 gallons of JP-4 had been spilled when an F-16 crashed during takeoff.

Topics of Conversation:

1. Please specify the regulatory standard that applies for cleanup of these sites?

There is no specific regulatory standard for petroleum products. Cleanup standards generally follow Storage Tank Owner/Operator Guidance documents for Second-Level Site assessment, Use of State Cleanup Guidelines and Management of Contaminated Materials.

2. What Remedial Action Category (RAC) applies to cleanup of these sites?

RAC III, with cleanup requirements of 100 mg/kg total BTEX and 500 mg/kg TVPH applies these sites based on the following:

- 1. If no wells are used to supply drinking water at Buckley ANG Base and none are foreseen for the future.
- 2. The groundwater table is quite low.
- 3. Do we submit the Site Assessment work plan and report to the Solid Waste Section?

Yes. The work plan and the Site Assessment Report may be submitted together. After approval of the recommendations for cleanup, the cleanup may be implemented. Documentation of the cleanup should then be sent to the Solid Waste Section.

Telephone Call Record

Call initiated by:

Asvin Waran HazWaste Technologies® Corp. 2995 Center Green Court Boulder, CO 80301 Person Called:

Peter Laux
Solid Waste Section
HMWMD-B2
Colorado Dept. of Public Health &
Environment,
4300 Cherry Creek Dr. South
Denver, CO 80222-1530
(303)692-3455 (voice)

Subject: Site Assessments for Fueling Area and F-16 Crash Site at Buckley ANG Base

Date: January 29, 1996

Topics of Conversation:

1. Piezometers and Monitoring Wells

A. Waran clarified that piezometers and monitoring wells would be installed only in the event depth to groundwater was found to be shallow. He stated that the original information used for preparing the work plan for the Fueling Area had been erroneous in stating that groundwater depth was at ~15'. Data from the State Engineer's Office shows that groundwater depth is between 40' and 60'. This was the reason that no groundwater was encountered during field work. Since the depth to groundwater is quite high, no piezometers or monitoring wells would be installed. P. Laux confirmed that he had understood that no piezometers or monitoring wells would be installed in both site assessment areas unless groundwater depths were shallow¹, or there is impact or grave threat of impact on groundwater.

2. Laboratory Analysis to be performed on core samples to be taken at the F-16 Crash Site.

A. Waran stated that an errata page would be issued for the work plan for the F-16 Crash Site to delete the Volatile Organics Analysis (Method 8240). He stated that samples from the Fueling Area had been tested for Volatile Organics and none had been detected. He also stated that Method 418.1 would be used to detect for hydraulic oil since this would not be detected by Method 8020. P. Laux suggested that Method 418.1 be used on selected samples in addition to Methods 8015 (for TPH) and 8020 (for BTEX), in areas where oil and grease are suspected to be present. He also cautioned that Total BTEX levels should be less than 20 mg/kg in soil outside the suspect contaminated areas. To determine whether the soil may have RCRA levels of Benzene, he stated that Benzene levels should be below 10 mg/kg in the contaminated soil.

Note1: Peter Laux defined "shallow" in a conversation on Aug. 8, 1996, as approximately 15' depending on the geology of the area assuming that no gravel is present.

APPENDIX J CHRIS PAGES FOR JP-4

Common Synon	nyma	Watery liquid		aladac :		
	, , , , , ,		oloriess	Fuel oil odor		
		Floats on water.				
Shut off ignition Avoid contact Isolate and re	ition sources act with liquid remove disci	ole. Keep people awas s and call fire departs f. charged matenal. pollution control ager	ment.			
Fire	Water ma	ABLE. sh with dry chemical, lay be ineffective on posed containers with	tire	r carbon dioxide	.	
Exposure	LIQUID Irritating Harmful Remove Flush at IF IN EY IF SWAL or m	to skin and eyes. if swallowed. contaminated clothin fected areas with pie fES, hold eyelds ope LLOWED and victim	enty of wa en and fla is CONS	ater. ush with plenty	ot water ictim dnnk water	
Water Pollution	May be	to shoreline, to shoreline, dangerous if it enters ocal health and wildlif perators of nearby with the shoreline of the shore	s water in	ntakes.		
RESPON (See Response Issue warning Mechanical of Should be re Chemical and	ing-high flam: I containmen removed	Handbook) imability it		2. LABEL Category: Fia Class: 3	mmable liquid	
3. CHEMICAL DESIGNATIONS 3.1 CG Compatibility Class: Miscellaneous Hydrocarbon Mixtures 3.2 Formula: C,Ha-1: 3.3 IMO/UN Designation: 3.2/1863 3.4 DOT ID No.: 1883 3.5 CAS Registry No.: Data not available			4.2	Physical State	BLE CHARACTERISTICS • (as shipped): Liquid ss to light brown	
5. HEALTH HAZARDS 5. HEALTH HAZARDS 5. Personal Protective Equipment: Protective gloves; goggles or face shield. 5.2 Symptoms Following Exposure: Vapor causes slight imitation of eyes and nose. Liquid imitates stomach: if taken into lungs, causes coughing, distress, and rapidly developing pulmonary edema. 5.3 Treatment of Exposure: ASPIRATION: enforce bed rest; administer oxygen; call a doctor. INGESTION: do NOT induce vomiting; call a doctor. EYES: wash with plenty of water. SKIN: wipe off and wash with soap and water. 5.4 Threshold Limit Value: 200 pm 5.5 Short Term Inhalation Limits: 2500 mg/m³ for 60 min. 5.6 Toxicity by Ingestion: Grade 2: LDso = 0.5 to 5 g/kg 5.1 Late Toxicity: Data not available 5.8 Vapor (Gas) Irritant Characteristics: Minimum hazard. If spilled on clothing and allowed to remain, may cause smarting and reddening of the skin. 5.10 Odor Threshold: 1 ppm 5.11 IDLH Value: Data not available						
Water Pollution 1. RESPON (See Response Issue warming Mechanical or Should be re Chemical and Chemical and Chemical and The state of t	Dangero CALL FC LIQUID Intratang Harmful Remove Flush att IF IN EY IF SWAIT DO NOT Donor Notify to N	DR MEDICAL AID. OR MEDICAL AID. It to skin and eyes. If swallowed. It oskin and eyes. If swallowed. Contaminated clothin to skin and eyes. If swallowed. Contaminate if eyes. If swallowed. If swallowed. SCHARGE Handbook) Imability If treatment NATIONS Aliscellaneous Imability If swallowed. Imability If swallowed. Imability If swallowed. In the swallowed. Imability If swallowed. Imability If swallowed. In the swallowed. Imability If swallowed. In the swallowed. Imability If swallowed. In the swallowed. In the swallowed. If swallowe	tire maker. In water. In water.	centrations. centrations. centrations. ntakes. is. kes. 4. OBSERVA Physical State Color: Colorie Odor: Like fue ARDS arapidy of services, and rapidy of services, and rapidy of services. stadminister of EYES: wash with the services of the services.	ot water commodification dank water mable liquid BLE CHARACTERISTICS a (as ahlpped): Liquid as to light brown if oil hield. and nose. Liquid irritates developing pulmonary avygen; call a doctor. th plenty of water. SKIN:	

6. FIRE HAZARDS	10. HAZARD ASSESSMENT CODE
6.1 Flash Point:10°F to +30°F G.C.	(See Hazard Assessment Handbook)
6.2 Flammable Limits in Air; 1.3%-8.0% 6.3 Fire Extinguishing Agents: Foam, dry	A-T-U
6.3 Fire Extinguishing Agenta: Foam, dry chemical, or carbon dioxide	1
6.4 Fire Extinguishing Agents Not to be	
Used: Not pertinent	11. HAZARD CLASSIFICATIONS
6.5 Special Hazards of Combustion Products: Not perfored	11.1 Code of Federal Regulations:
Products: Not pertinent 6.6 Behavior in Fire: Not pertinent	11.1 Code of Federal Regulations: Flammable liquid
6.5 Behavior in Fire: Not pertinent 6.7 Ignition Temperature: 464*F	11.2 NAS Hezard Rating for Bulk Water
6.8 Electrical Hazard: Not pertinent	Transportation:
6.9 Burning Rate: 4 mm/mm.	Category Rating
6.10 Adiabatic Flame Temperature: Data not available	Fire 3 Health
Data not available 6.11 Stolchiometric Air to Fuel Ratio:	Vapor Imtant 1
Data not available	Liquid or Solid Irritant 1
6.12 Flame Temperature: Data not available	Poisons 1 Water Polution
	Water Polution Human Toxocity †
	Aquatic Toxicity1
- Designation	Aesthetic Effect 3
7. CHEMICAL REACTIVITY	Reactivity Other Chemicals
7.1 Reactivity With Water: No reaction	Other Chemicals 0 Water 0
7.2 Reactivity with Common Materials: No reaction	Self Reaction
7.3 Stability During Transport: Stable	11.3 NFPA Hazard Classification:
7.4 Neutralizing Agents for Acids and	Category Classification
Caustics: Not pertinent	Health Hazard (Blue) 1 Flammability (Red)
7.5 Polymerization: Not pertinent 7.6 Inhibitor of Polymerization:	Flammability (Red)
7.6 Inhibitor of Polymerization: Not pertinent	
7.7 Molar Ratio (Reactant to	
Product): Data not available	1
7.8 Reactivity Group: 33	
Programme and the second secon	
	THE CHEMICAL PROPERTIES
, I	12. PHYSICAL AND CHEMICAL PROPERTIES
i ,	12.1 Physical State at 15°C and 1 atm:
).	Liquid 12.2 Molecular Weight: Not pertinent
/	12.3 Boiling Point at 1 atm:
Jis	349-549*F
	= :76-287°C = 449-560°K
8. WATER POLLUTION	12.4 Freezing Point: < -54°F = < -48°C = <225°K
8.1 Aquatic Toxicity:	12.5 Critical Temperature: Not pertinent
500 ppm/*/salmon fingerling/lethal/	12.6 Critical Pressure: Not pertinent
fresh water *Time period not specified	12.7 Specific Gravity: 0.81 at 20°C (liquid)
8.2 Waterfowi Toxicity: Data not available	0.81 at 20°C (liquid) 12.8 Liquid Surface Tension:
8.3 Biological Oxygen Demand (BOD):	(est.) 25 dynes/cm = 0.025 N/m at
53%, 5 days	50-C
8.4 Food Chain Concentration Potential: None	12.9 Liquid Water Interfacial Tension: (est.) 50 dynes/cm = 0.05 N/m at 20°C
None	(est.) 50 dynes/cm = 0.05 N/m at 20°C 12.10 Vapor (Gas) Specific Gravity:
	Not pertinent
!	12.11 Ratio of Specific Heats of Vapor (Gas):
<u> </u>	(est.) 1.030 12.12 Latent Heat of Vaporization;
1	12.12 Latent Heat of Vaporization: 140 Btu/lb = 78 cal/g =
1	3.3 X 10 ^a J/kg
	12.13 Heat of Combustion: -18,540 Stu/lb =
9. SHIPPING INFORMATION	-10,300 cal/g = -431.24 X 10 ⁵ J/kg 12.14 Heat of Decomposition: Not pertinent
9.1 Grades of Purity: 100%	12.14 Heat of Decomposition: Not pertinent 12.15 Heat of Solution: Not pertinent
9.2 Storage Temperature: Ambient	12.16 Heat of Polymerization: Not pertinent
9.3 Inert Atmosphere: No requirement	12.25 Heat of Fusion: Data not available
9.4 Venting: Open (flame arrester) or pressure-vacuum	12.26 Limiting Value: Data not available
pressure-request.	12.27 Reid Vapor Pressura: Data not available
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JPF

JET FUELS: JP-4

12.17 SATURATED LIQUID DENSITY		12.18 LIQUID HEAT CAPACITY		12.19 LIQUID THERMAL CONDUCTIVITY		12.20 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit-inch per hour- square foot-F	Temperature (degrees F)	Centipoise
34	51.740	0	.444	0	.926	35	2.106
36	51.670	10	.449	10	.924	-30	1.994
38	51.600	20	.454	20	.921	-25	1.890
40	51.530	30	.459	30	.919	20	1.794
42	51,460	40	.464	40	.917	-15	1.705
44	51.390	50	.469	50	.915	-10	1.622
46	51,320	60	.474	60	.913	 5	1.544
48	51,260	70	.479	70	.911	0	1,472
50	51.190	80	.484	80	.909	5	1.405
52	51.120	90	.489	90	.907	10	1.342
54	51.050	100	.494	100	.905	15	1.283
56	50.980	110	.499	110	.903	20	1,228
58	50.910	120	.504	120	.901	25	1,176
60	50.840	130	.509	130	.899	30	1.128
62	50.770	140	.514	140	.897	35	1.082
64	50,700	150	.519	150	.895	40	1.039
66	50.630	160	.524	160	.893	45	.999
68	50.560	170	.529	170	.891	50	.961
70	50.490	180	.534	180	.889	55	.925
72	50.420	190	.539	190	.887	60	.891
74	50.350	200	.544	200	.885	65	.859
76	50.280	210	.549	210	.883	70	.829
78	50.220					75	.800
80	50.150						
82	50.080						
84	50.010						

12.21 SOLUBILITY IN WATER		12.22 SATURATED VAPOR PRESSURE		12.23 SATURATED VAPOR DENSITY		12.24 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal uni per pound-F
	- N S O L D B L E	0 10 20 30 40 50 60 70 80 90 100 110 120 130	.319 .411 .525 .663 .829 1.028 1.264 1.542 1.868 2.246 2.684 3.187 3.762 4.416 5.155		NOT PERTINENT		D A T A N O T A V A I L A
		150 160 170 180 190 200 210	5.988 6.922 7.965 9.125 10.410 11.830 13.390				B L E